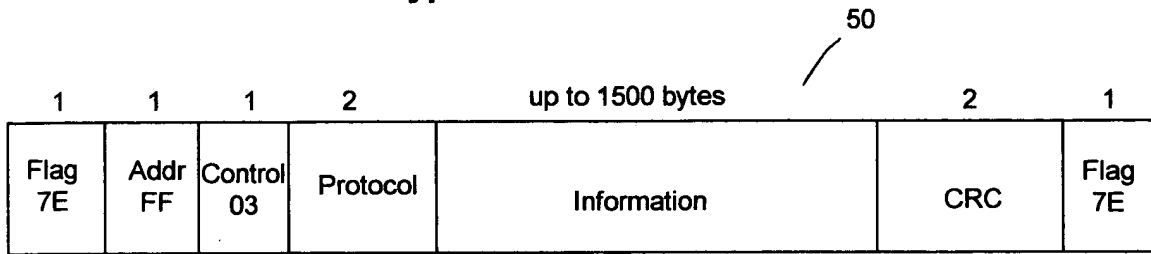
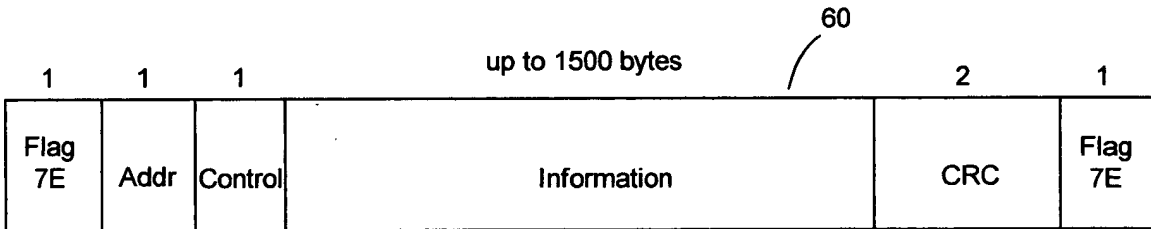


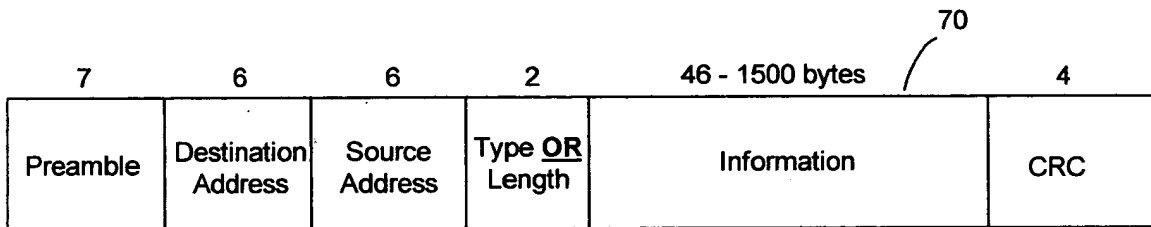
Typical Frame Format



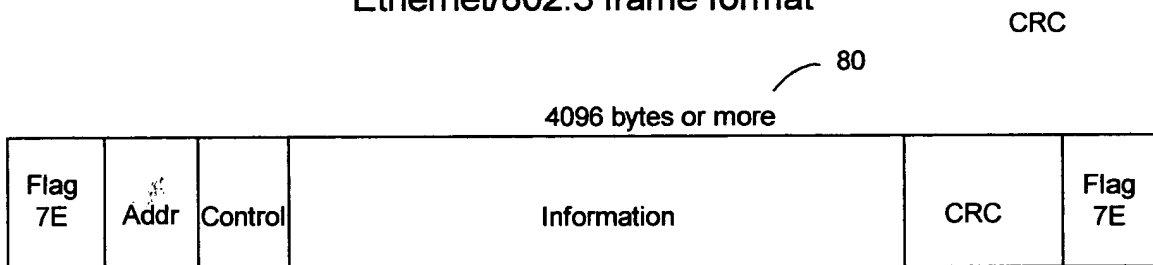
Point-to-point frame format



Frame Relay frame format



Ethernet/802.3 frame format



HDLC frame format

FIG. 1

FIG. 2 is a block diagram of a frame structure. The frame is divided into several sections: a Frame Header (110), a Data Block (111) which is variable in size, a Sub-framing Byte (115) which is 7-bits Sequence # s, a Last Sub-frame sequence indicator bit (LS bit) (116), a CRC (117), and another CRC (119). The frame is also labeled with 110, 111, 112, 115, 116, 117, and 119.

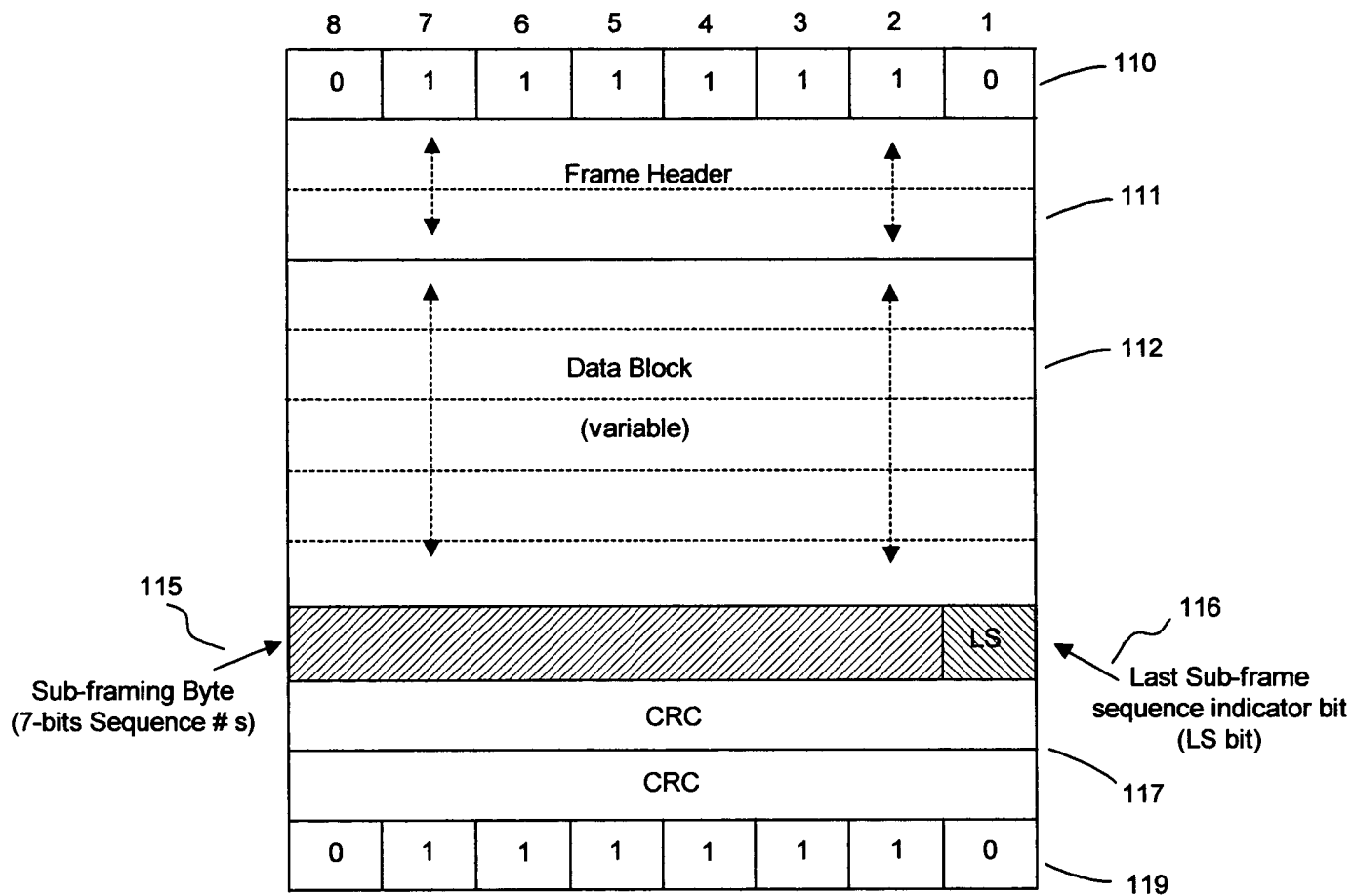


FIG. 2

Sequence byte range assignment:

Sequence range assigned for priority service N_1

$x_1 \longrightarrow x_i$

Sequence range assigned for priority service N_k

$x_j \longrightarrow x_k$

Sequence range assigned for priority service N_z

$x_y \longrightarrow x_z$

Example:

Voice priority service N_v

1 \longrightarrow 15

SNA traffic priority service N_s

16 \longrightarrow 50

LAN traffic priority service N_L

51 \longrightarrow 127

FIG. 4A

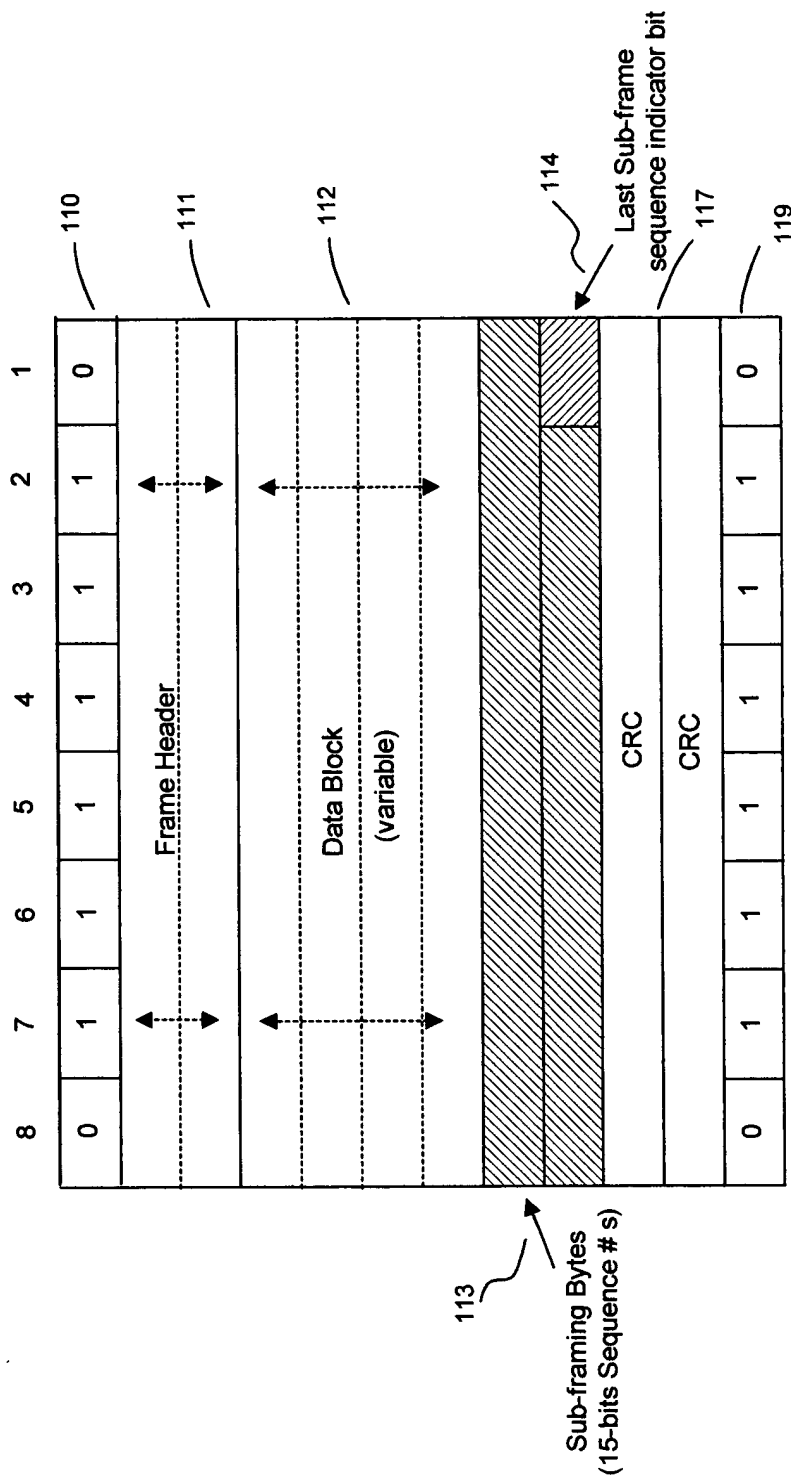
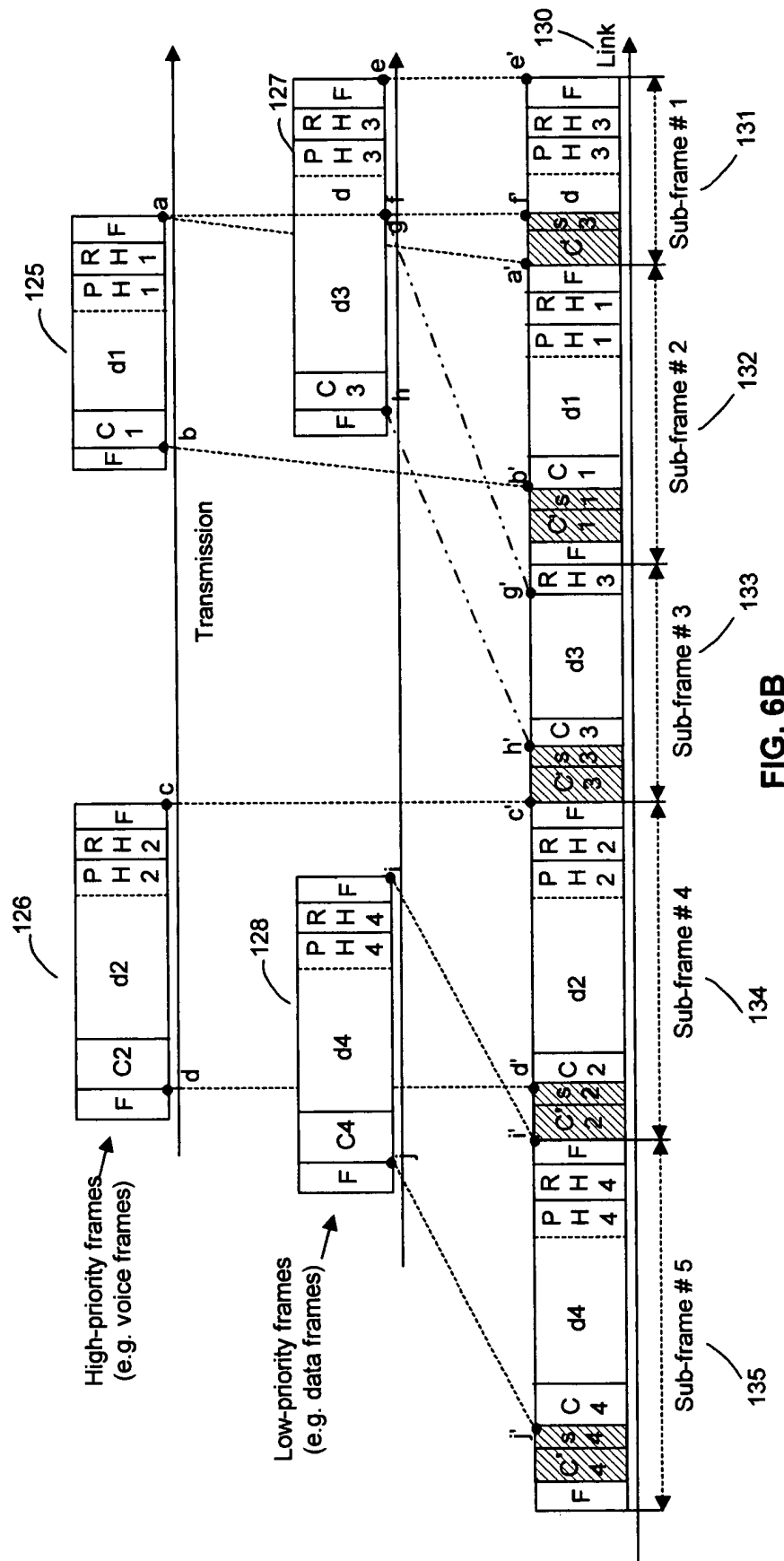
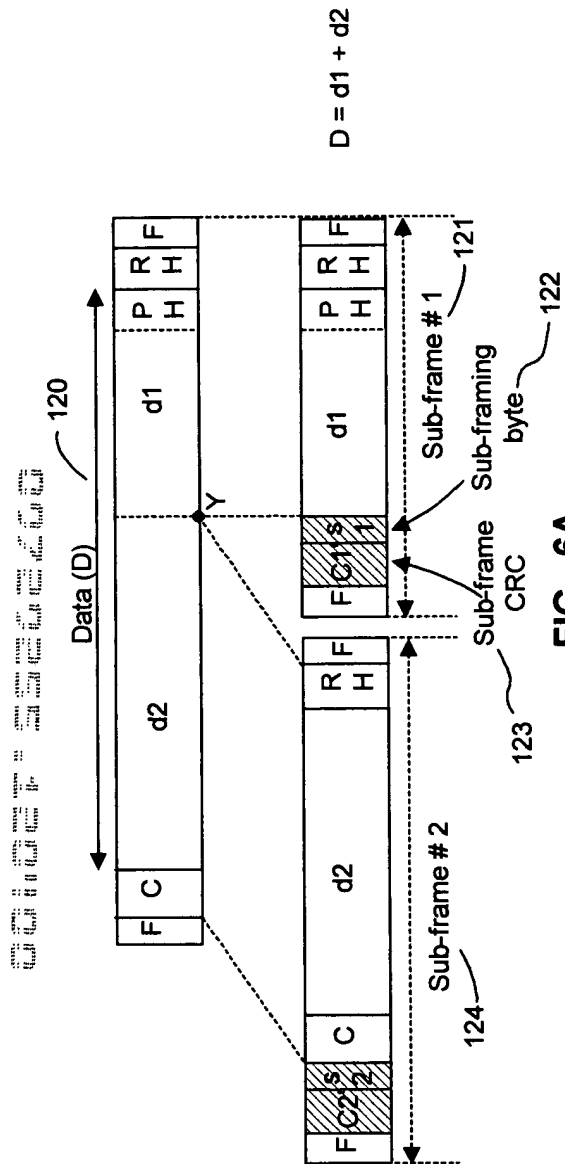


FIG. 4B



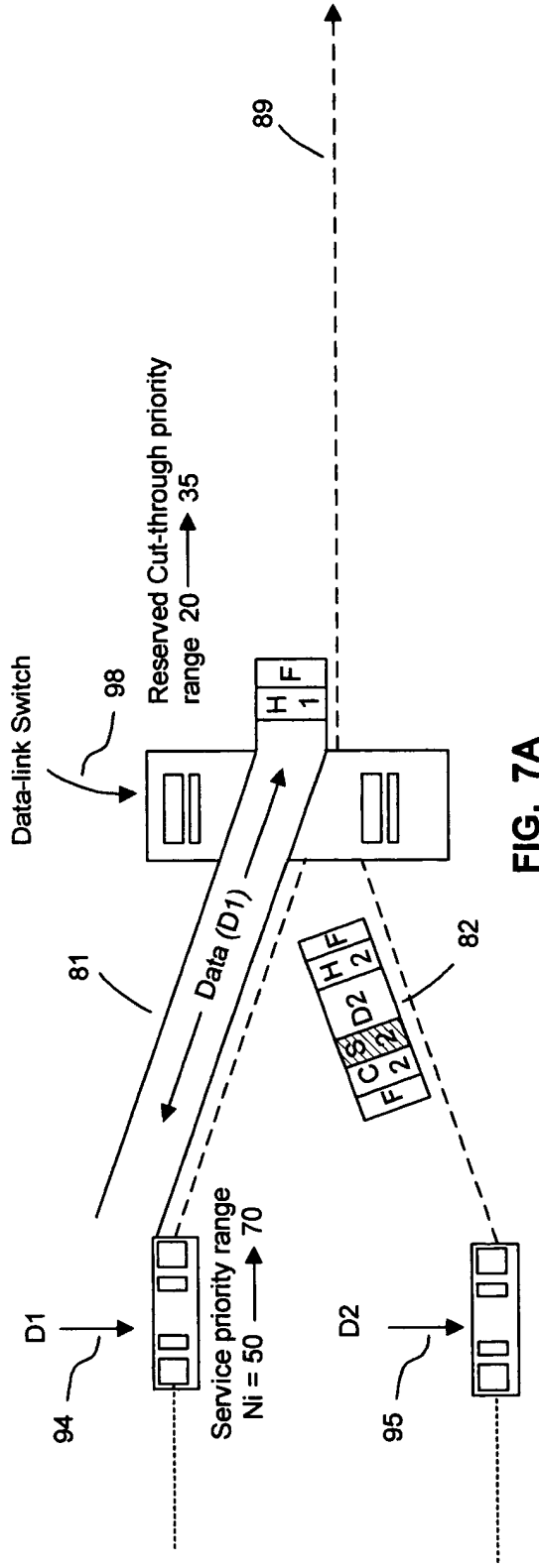


FIG. 7A

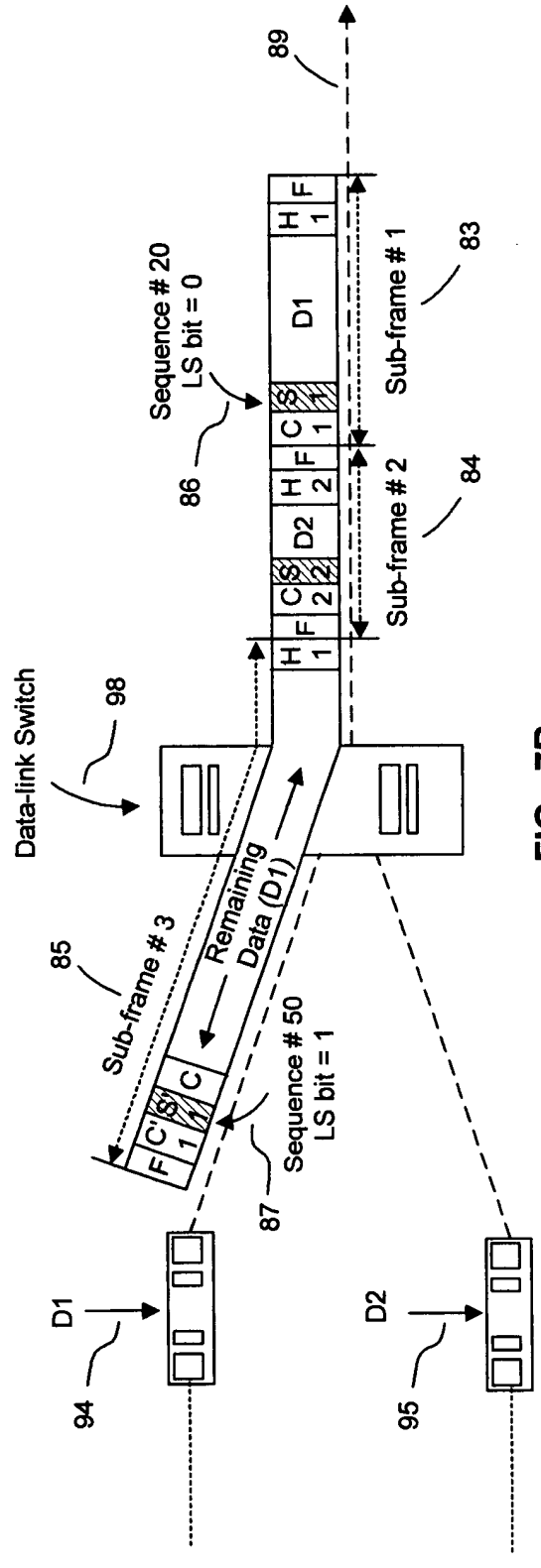


FIG. 7B

0 1 1 1 1 1 1 0

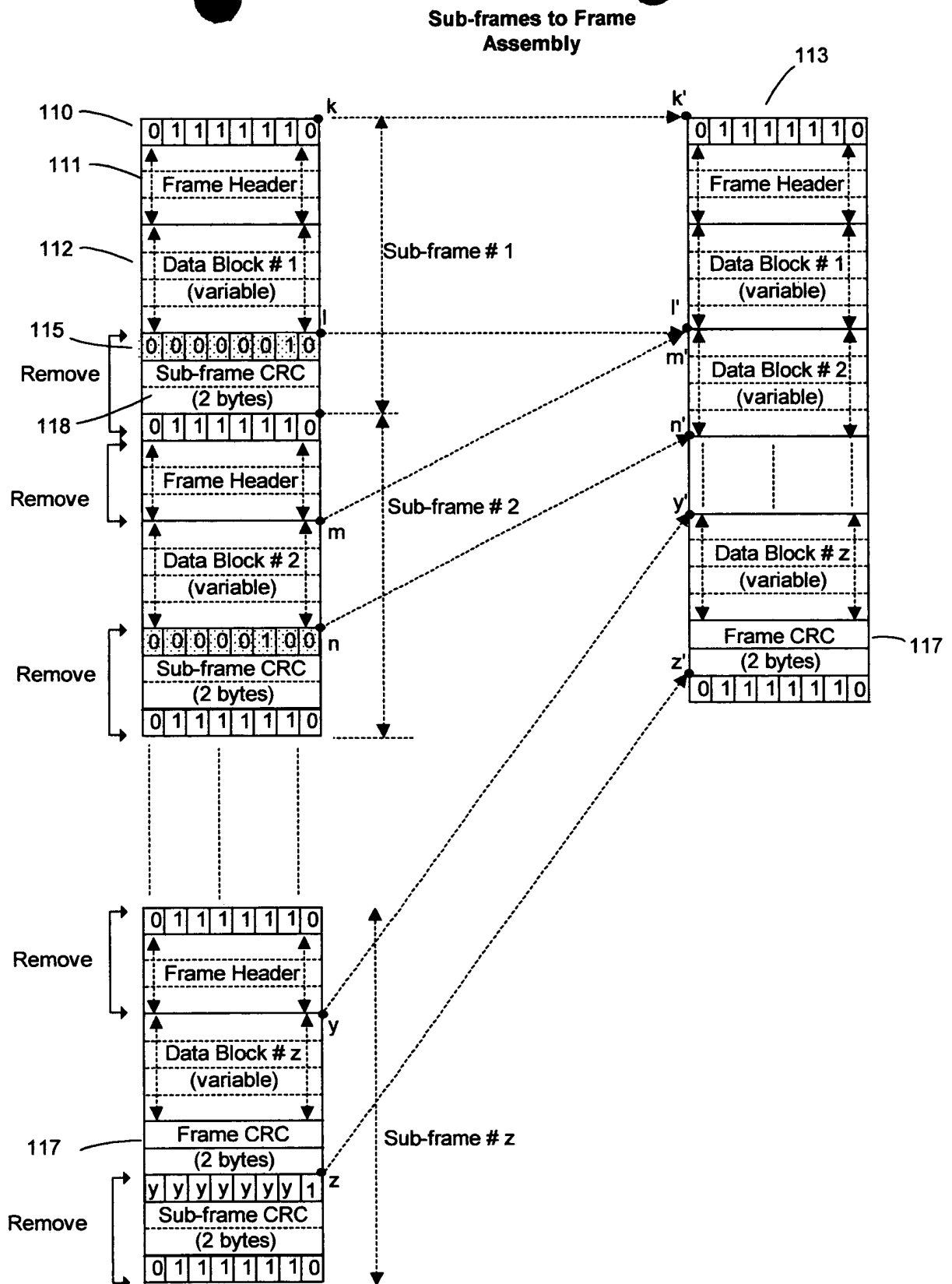


FIG. 8

Example:
FR Sub-frames
assembled back
to FR Frames

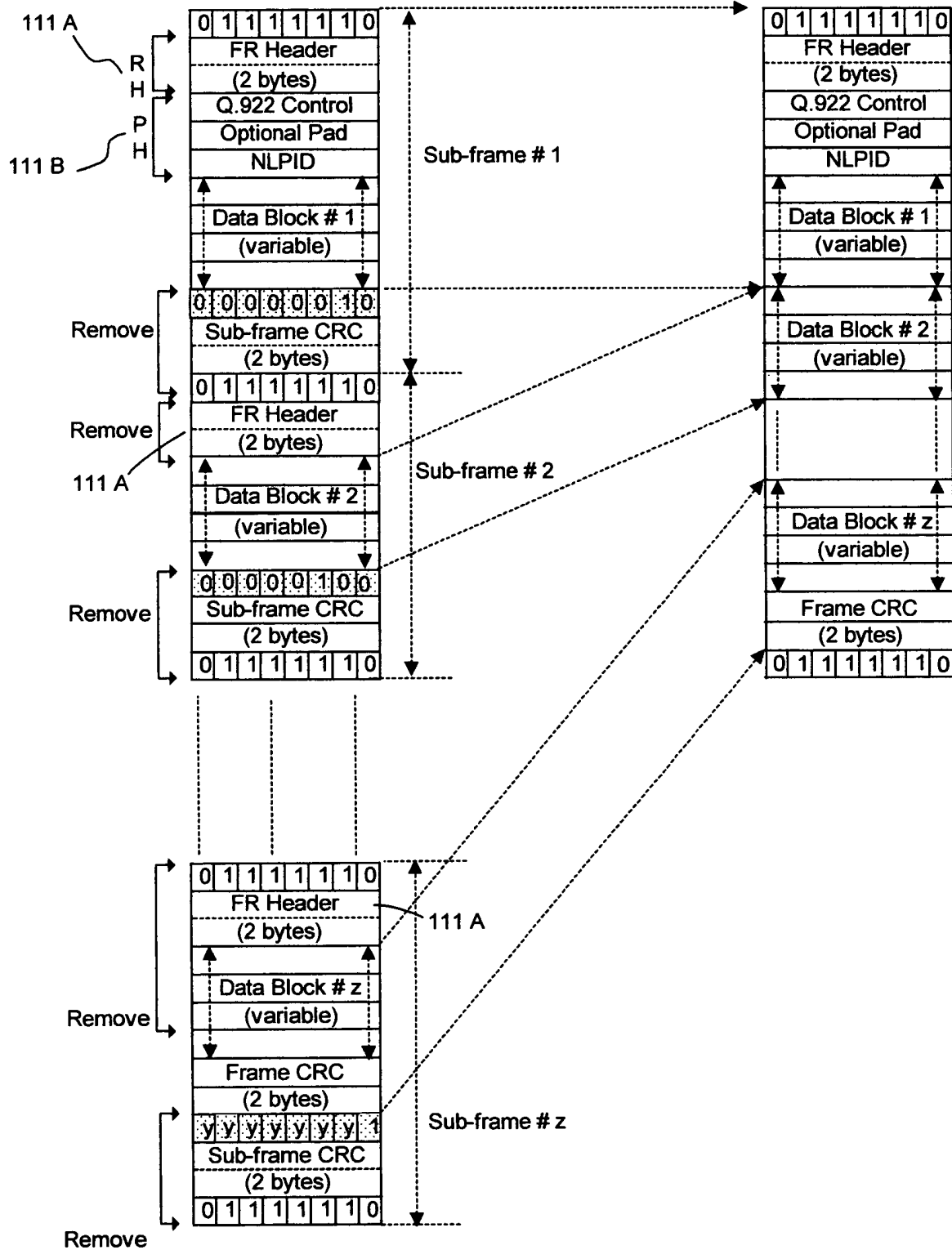


FIG. 9

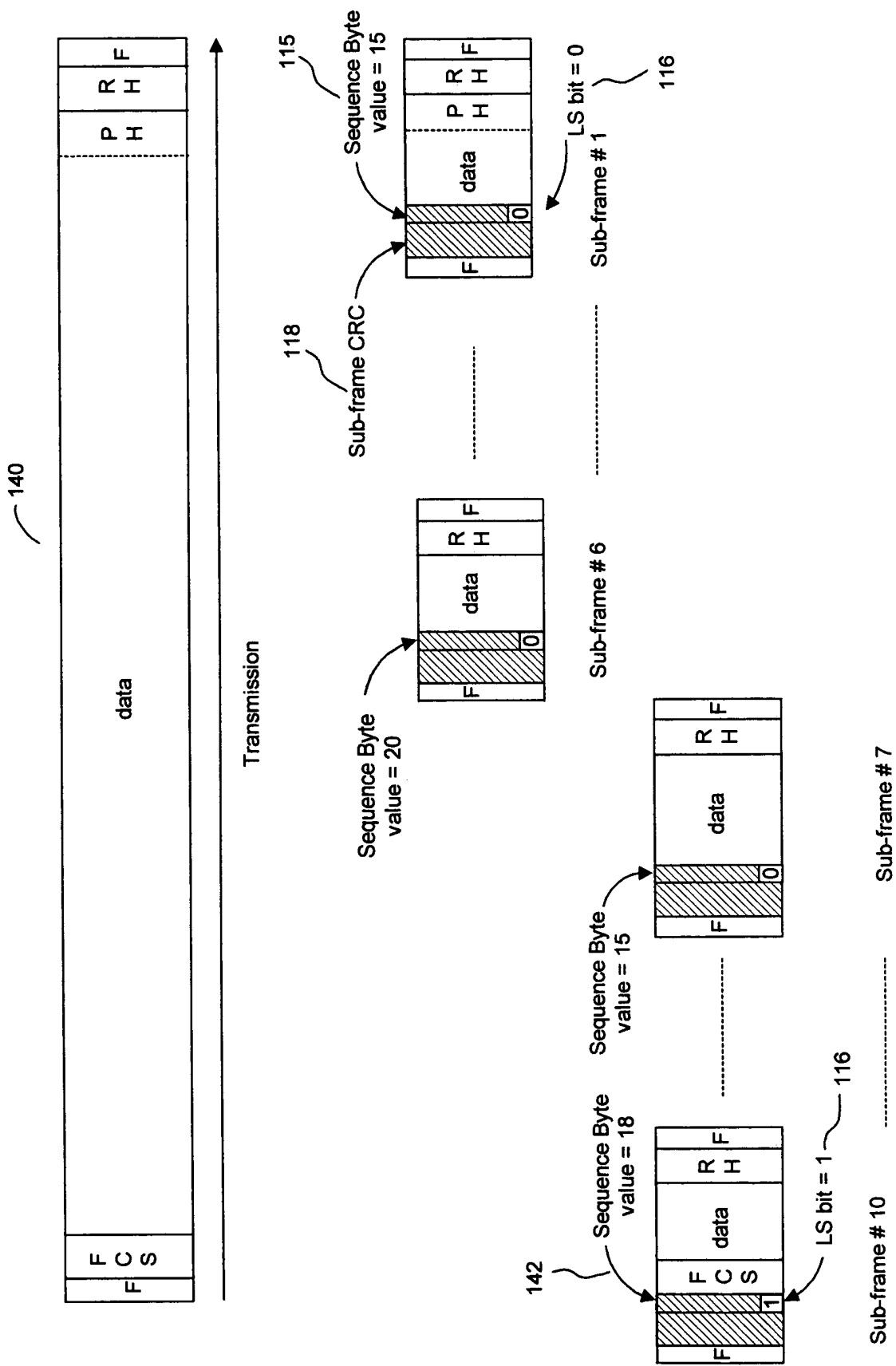


FIG. 10

Multi-priority Services over a single network link

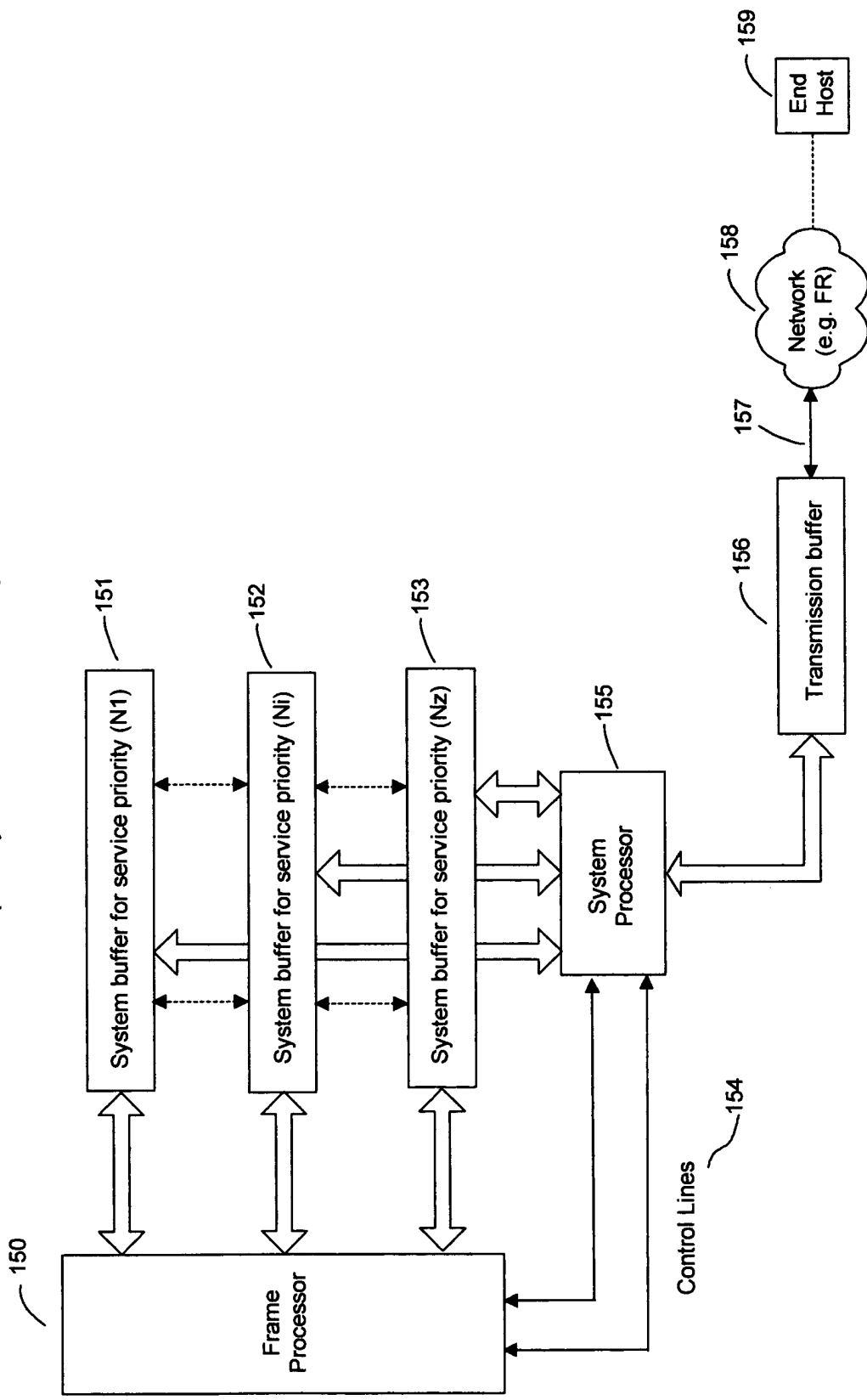


FIG. 11

Multi-priority Services over multiple network links

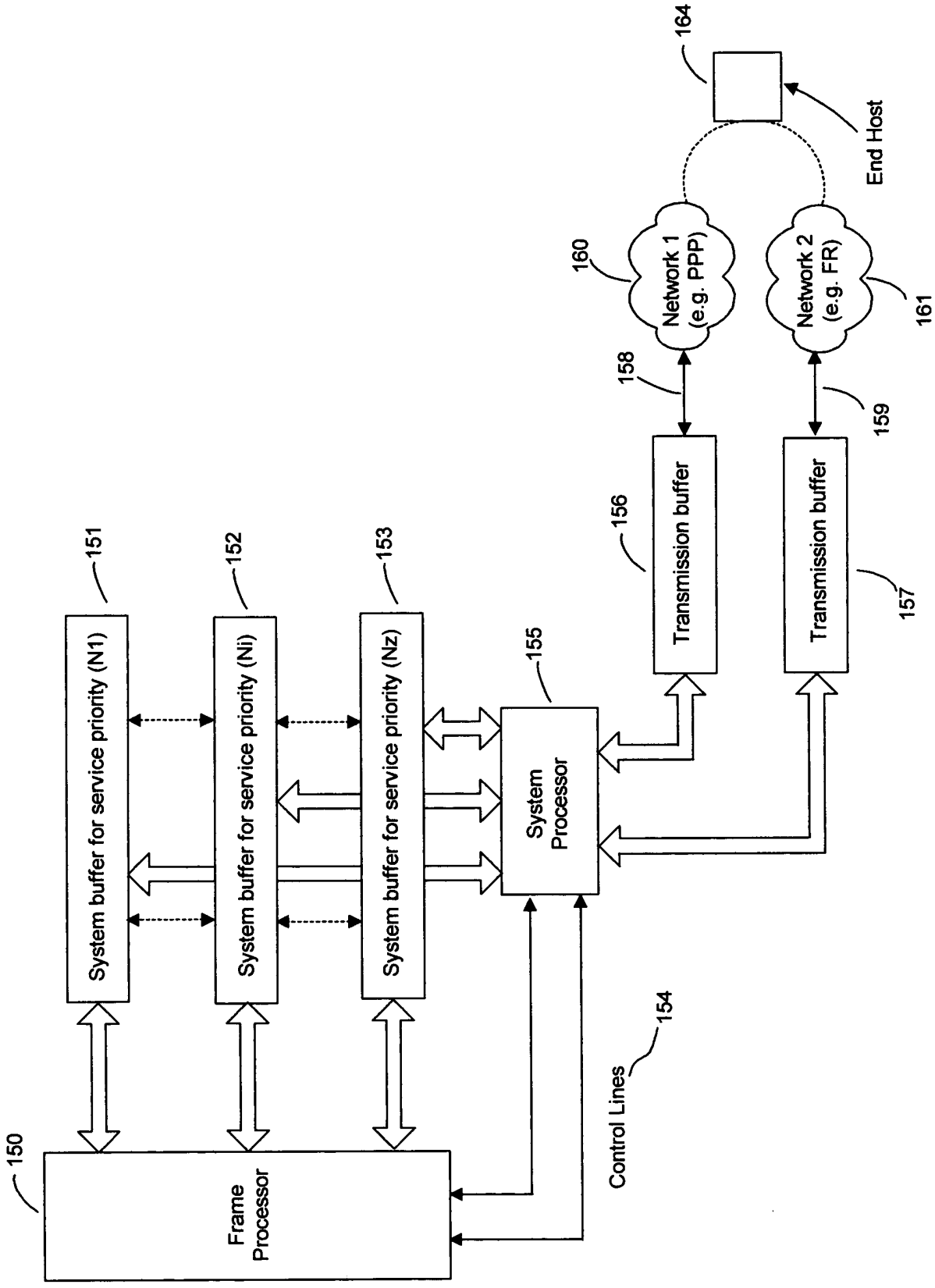


FIG. 12

Multi-priority Services over multiple network links

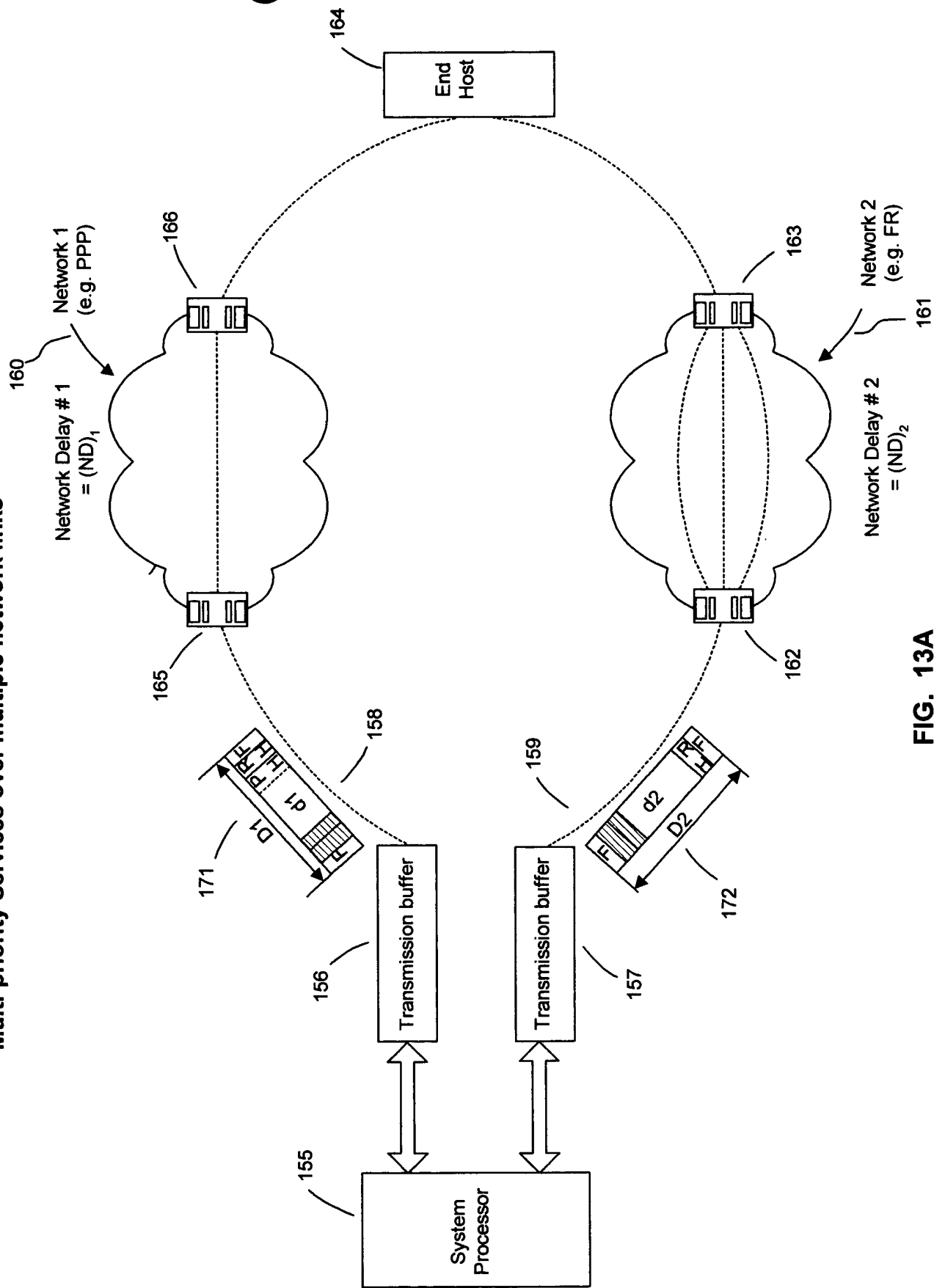


FIG. 13A

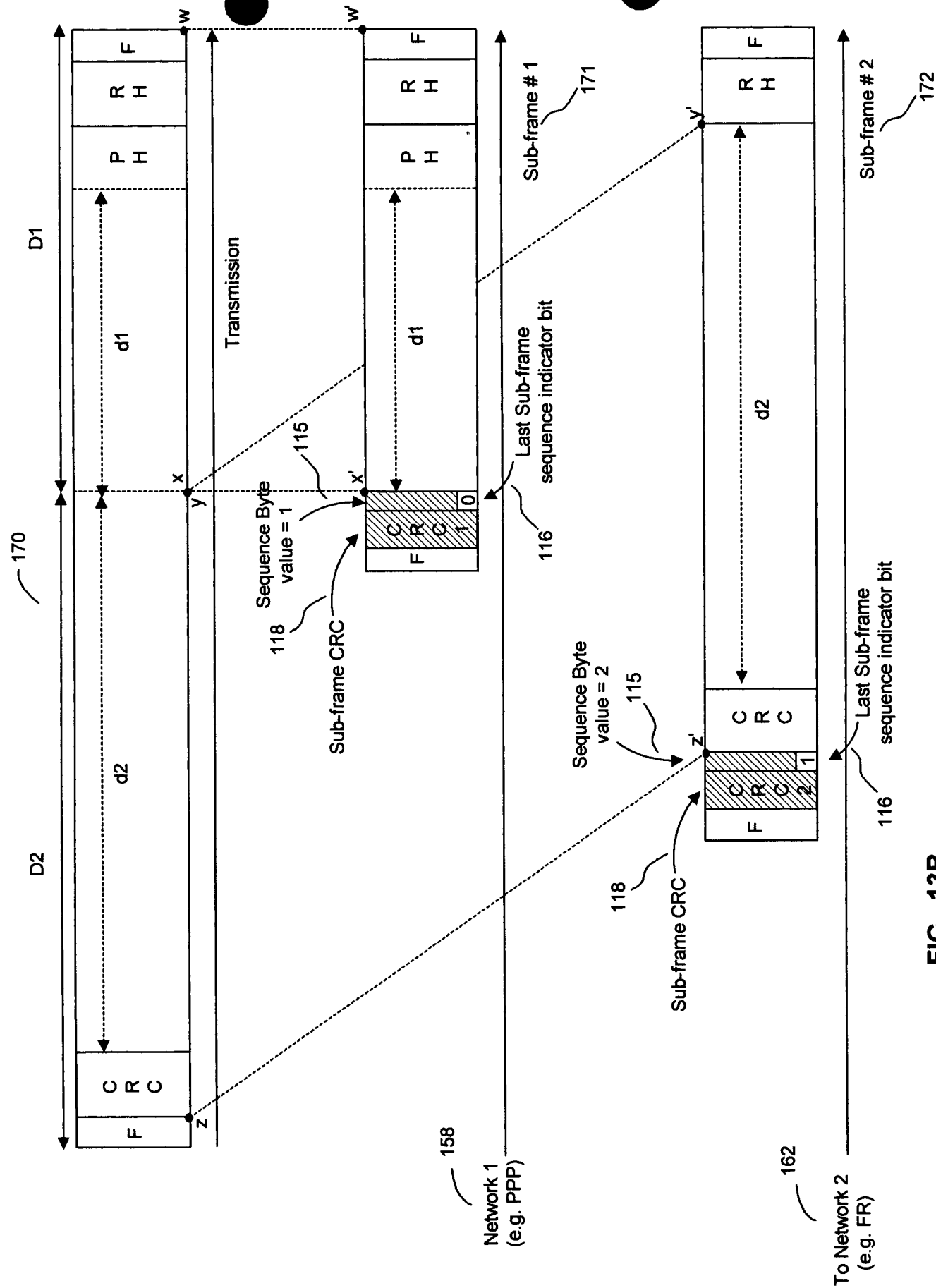


FIG. 13B

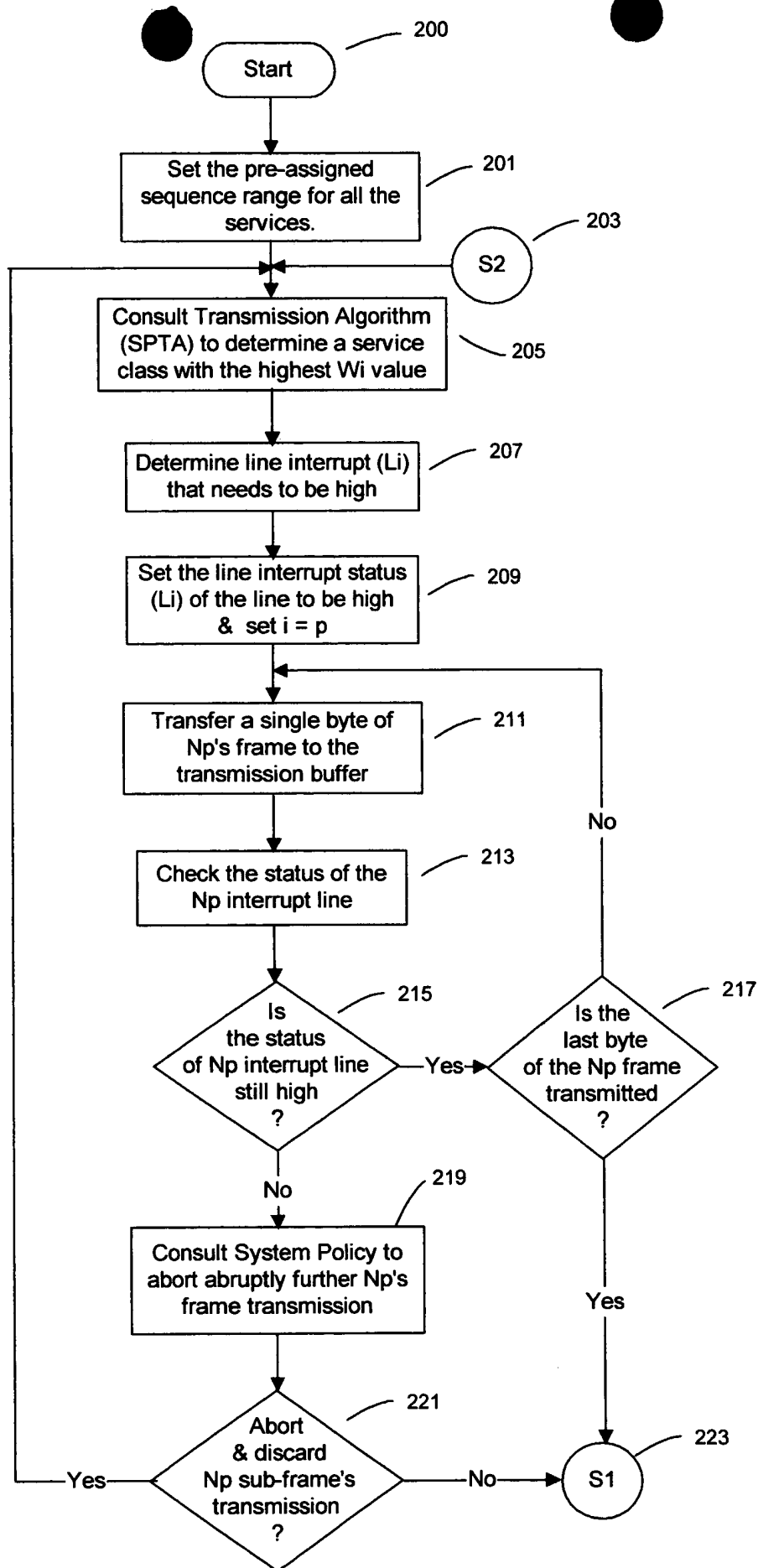


FIG. 15A

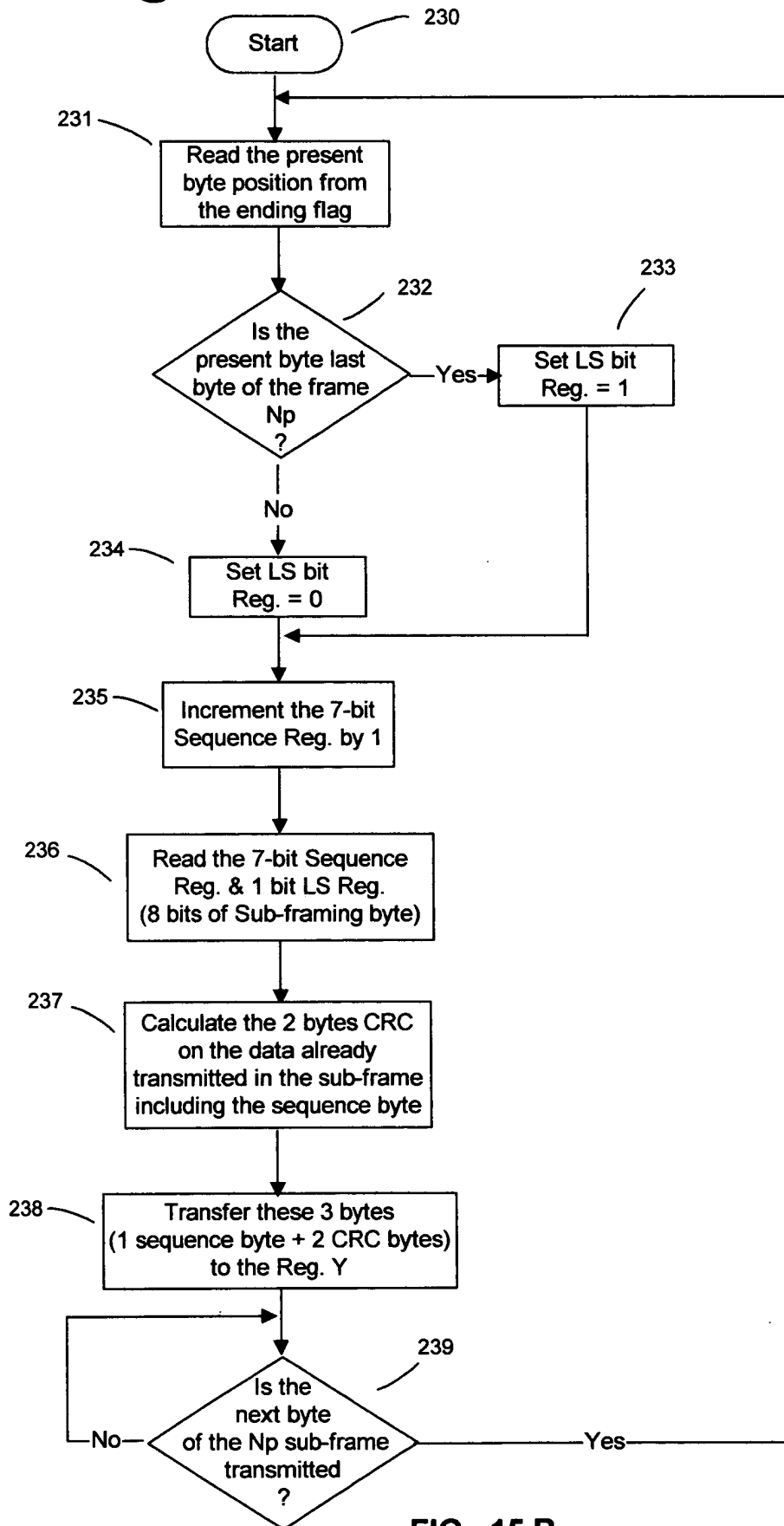


FIG. 15 B

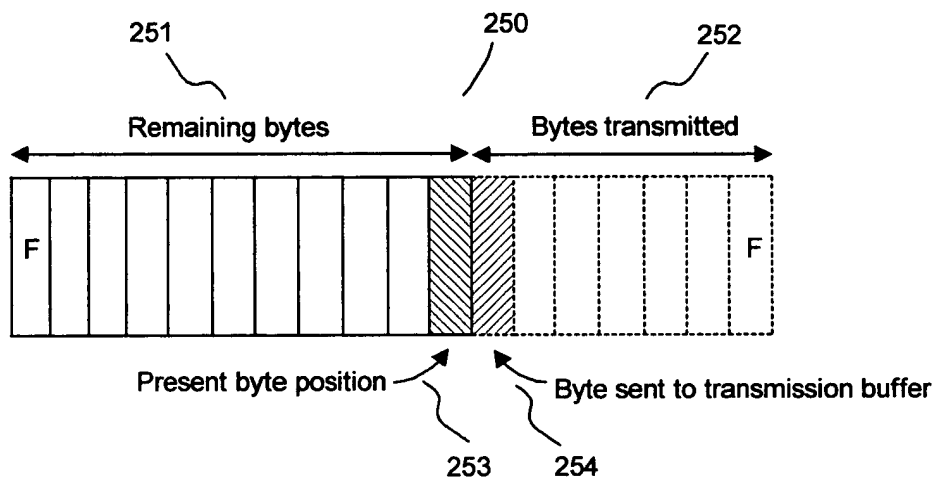


FIG. 15C

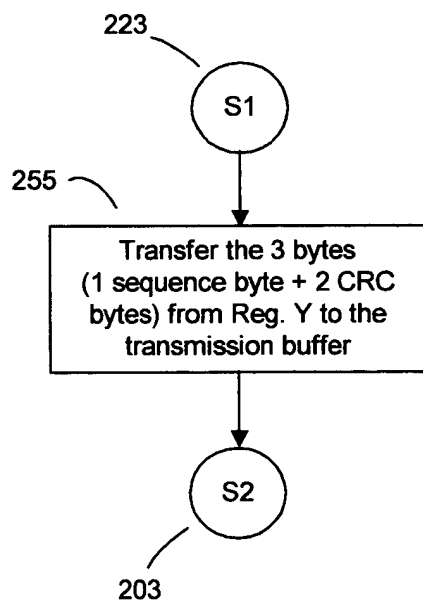


FIG. 15D

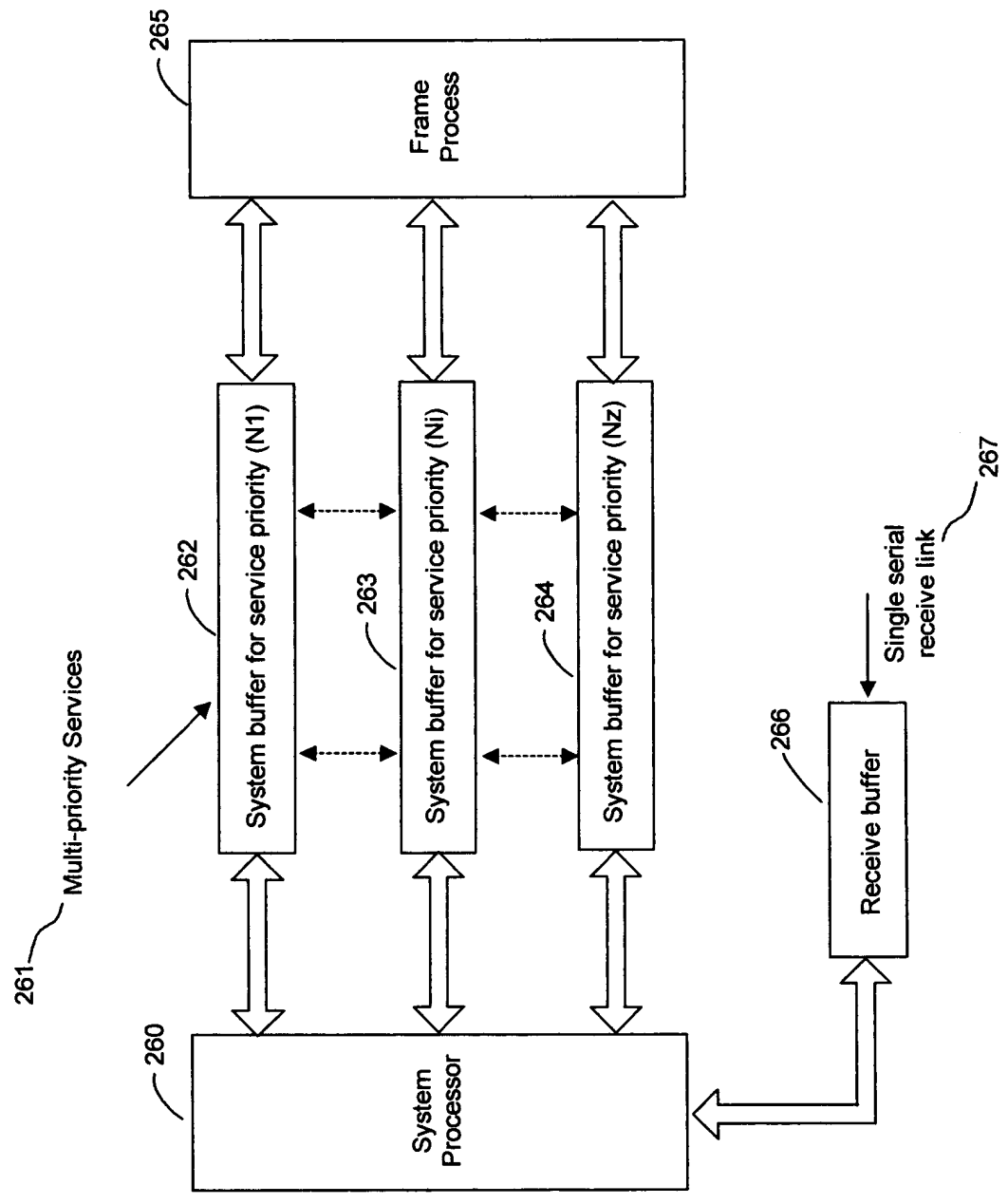


FIG. 16A

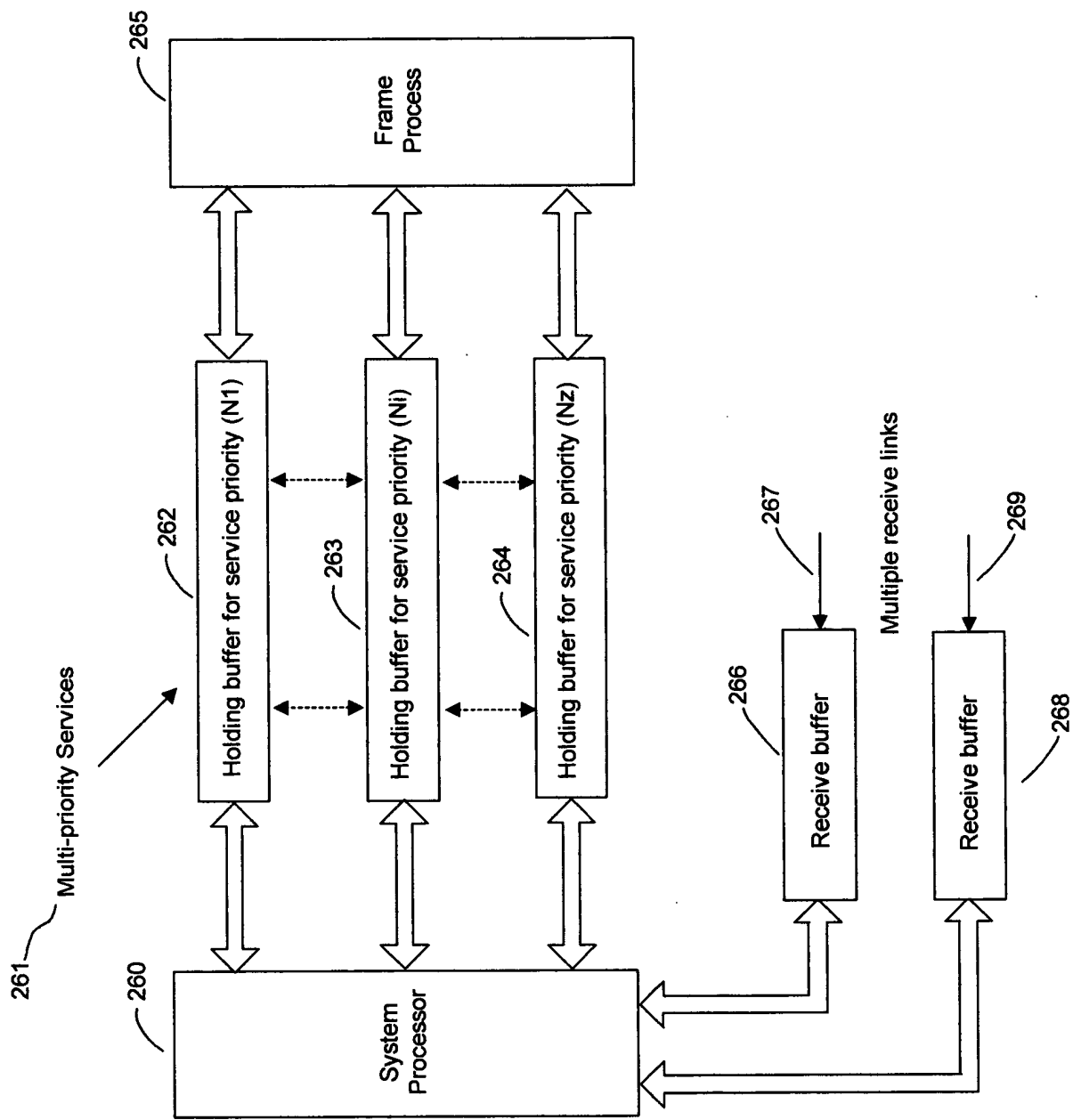


FIG. 16B

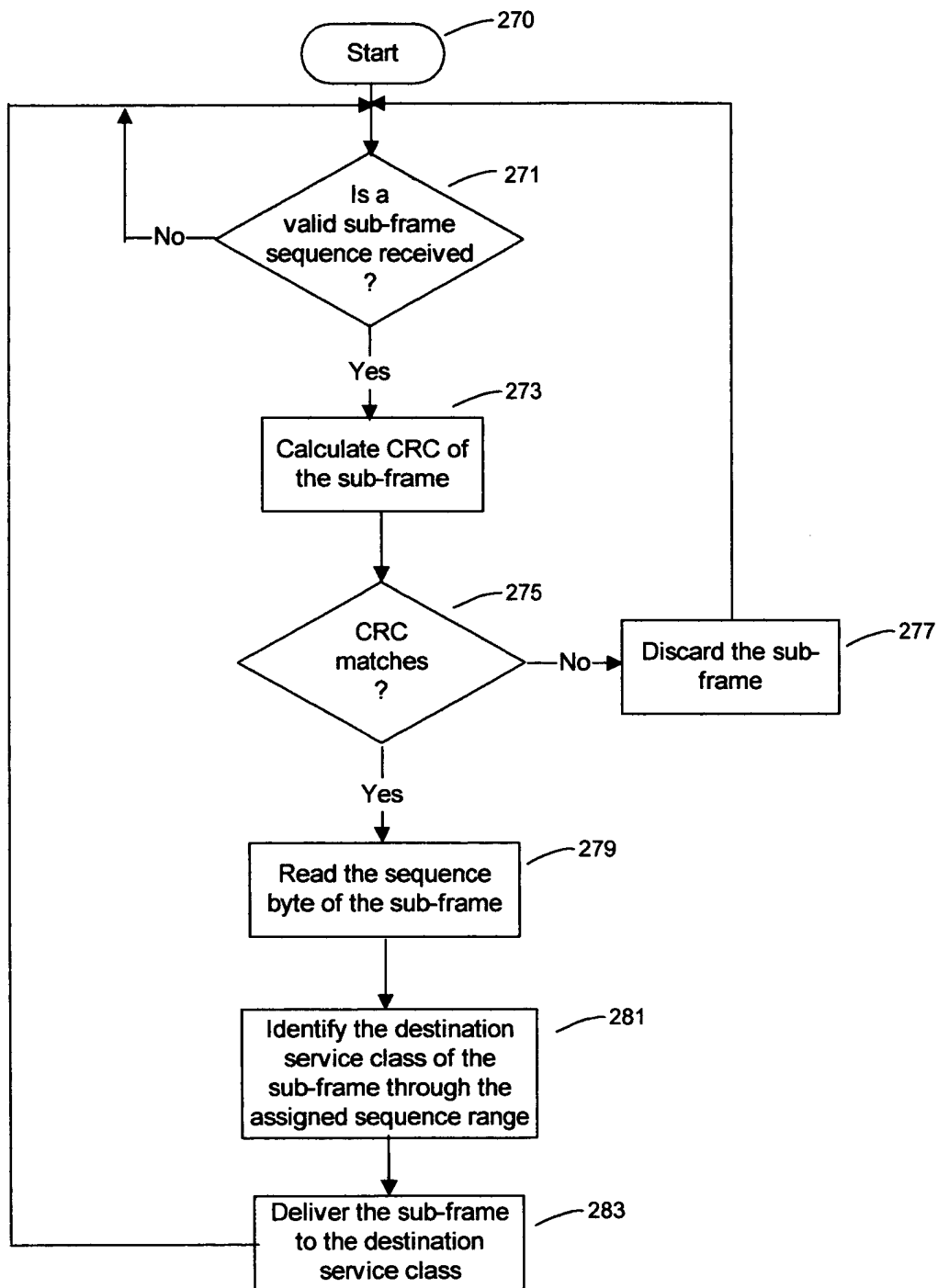


FIG. 17

FIG. 18 is a flowchart illustrating a process for handling received sub-frames.

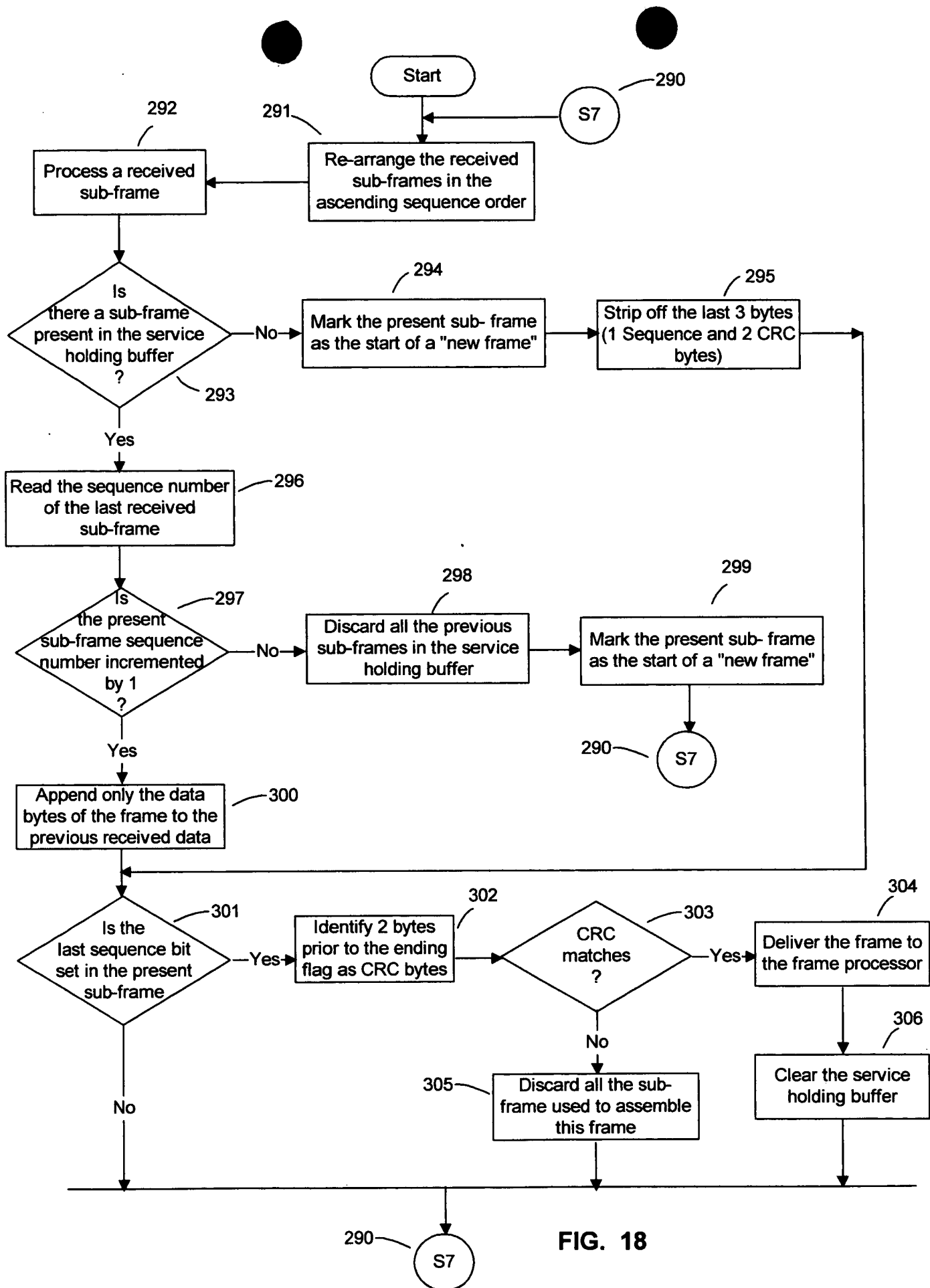


FIG. 18

Multi-priority Services over multiple links

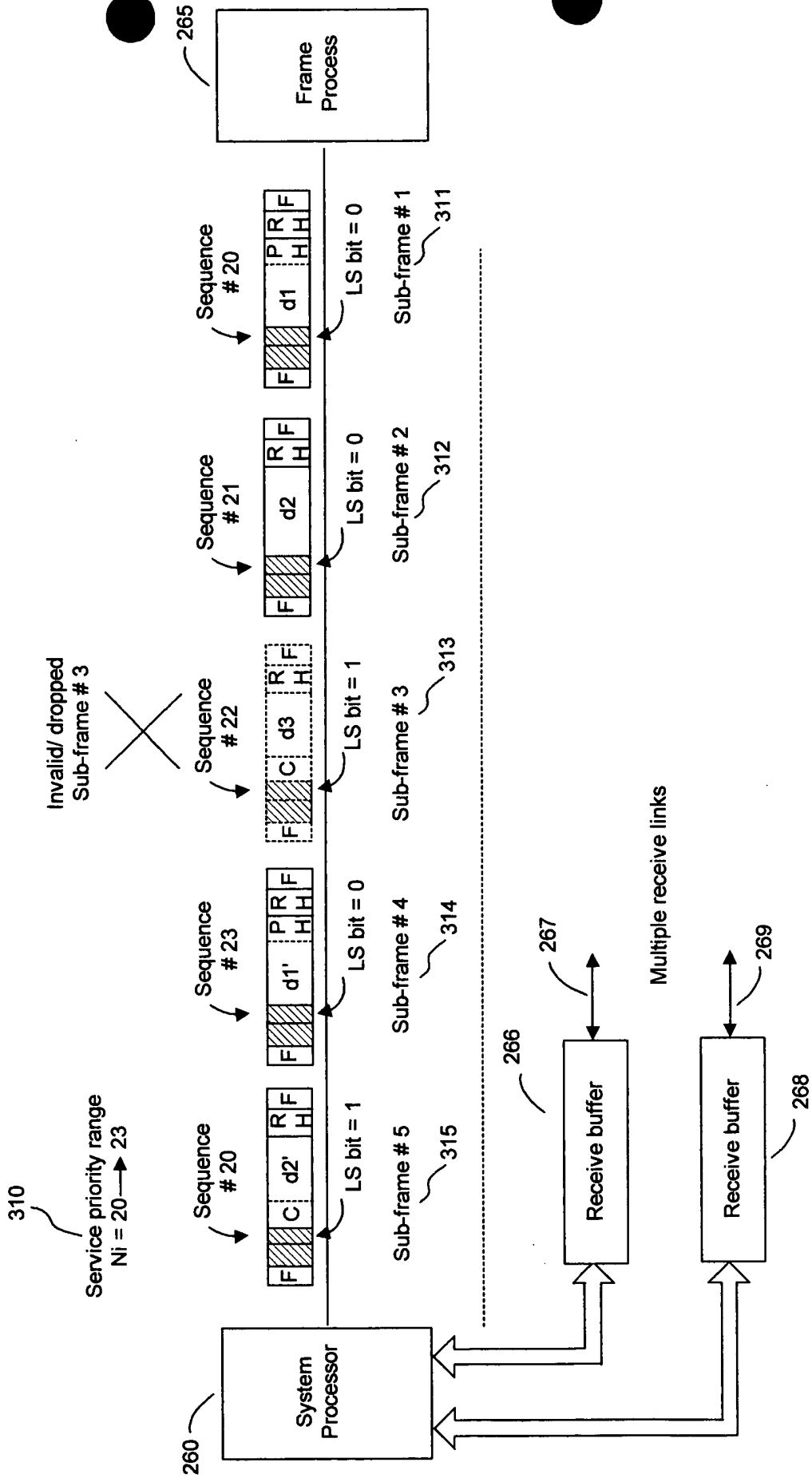


FIG. 19A

Multi-priority Services over a single link

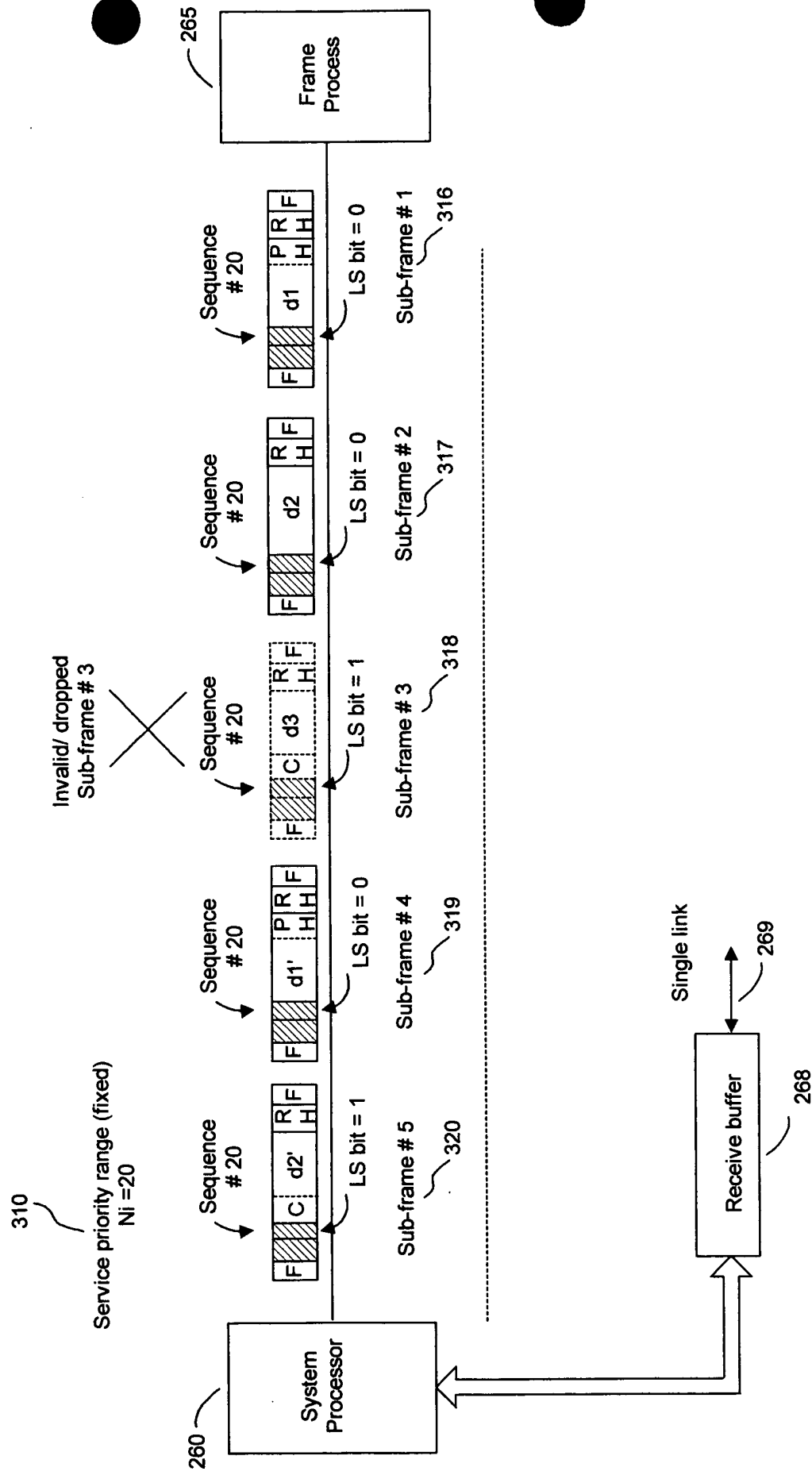


FIG. 19B

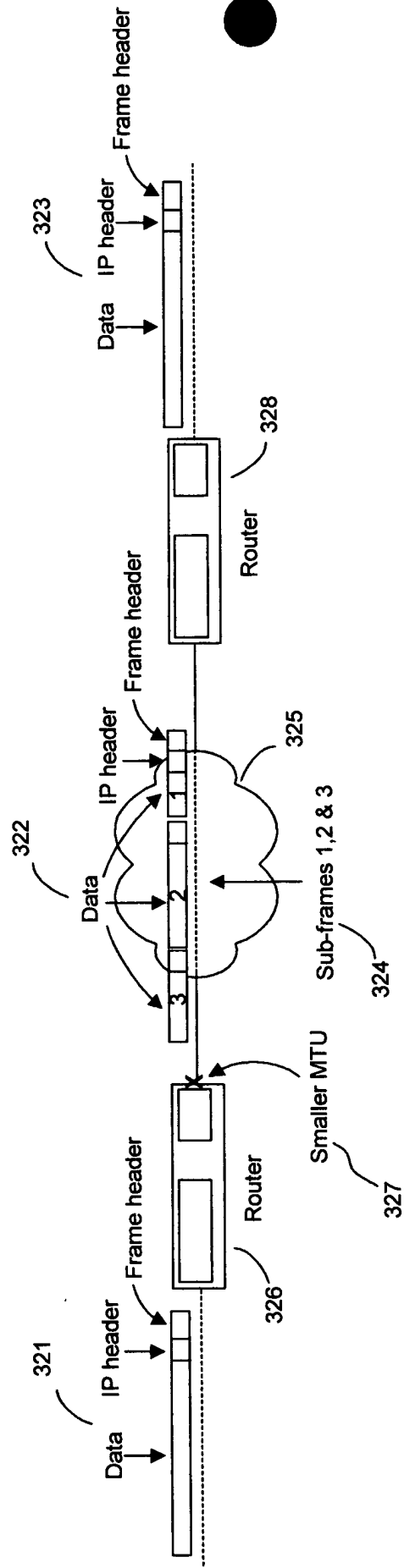


FIG. 20A

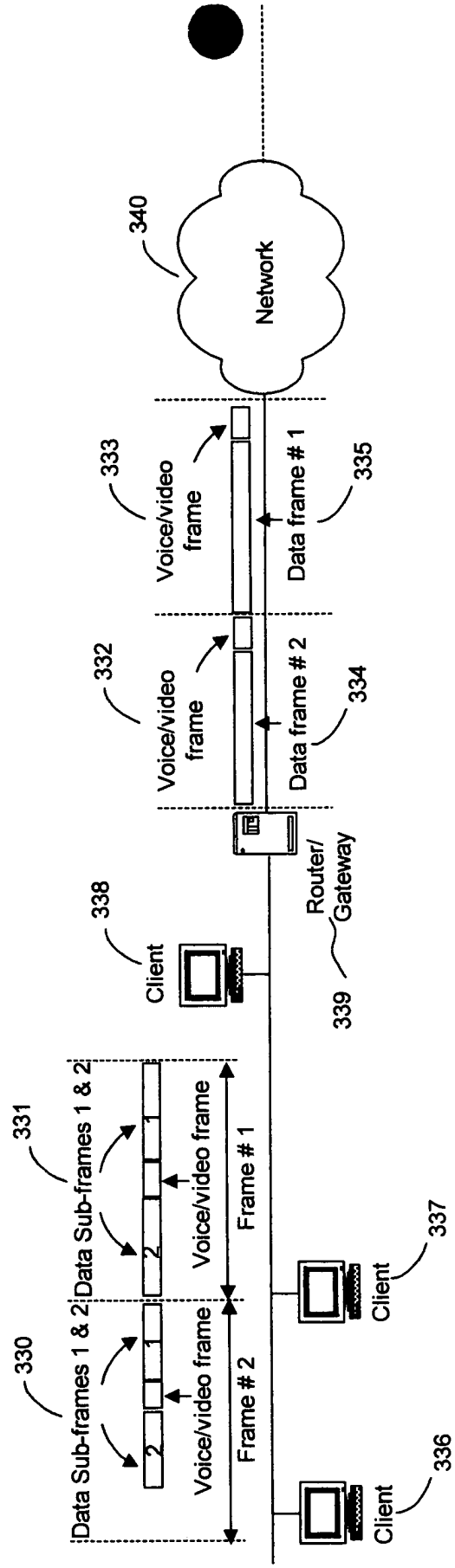


FIG. 20B

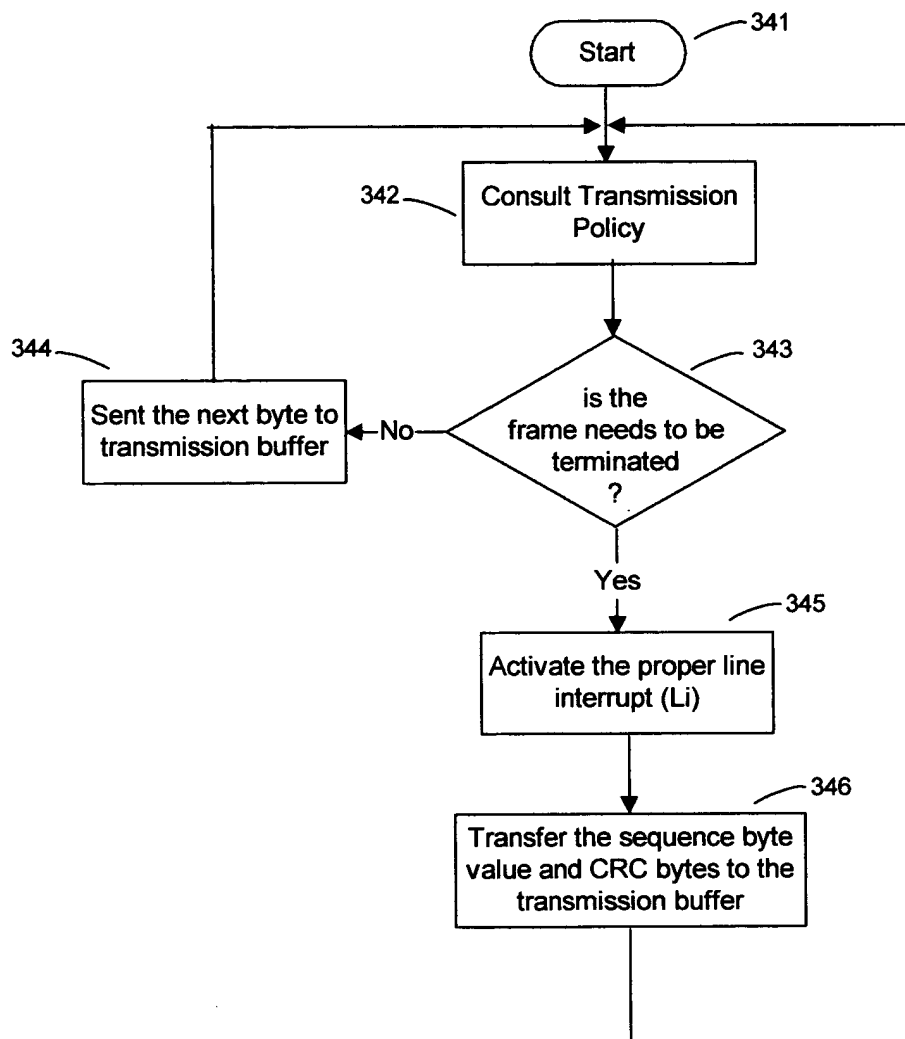


FIG. 21

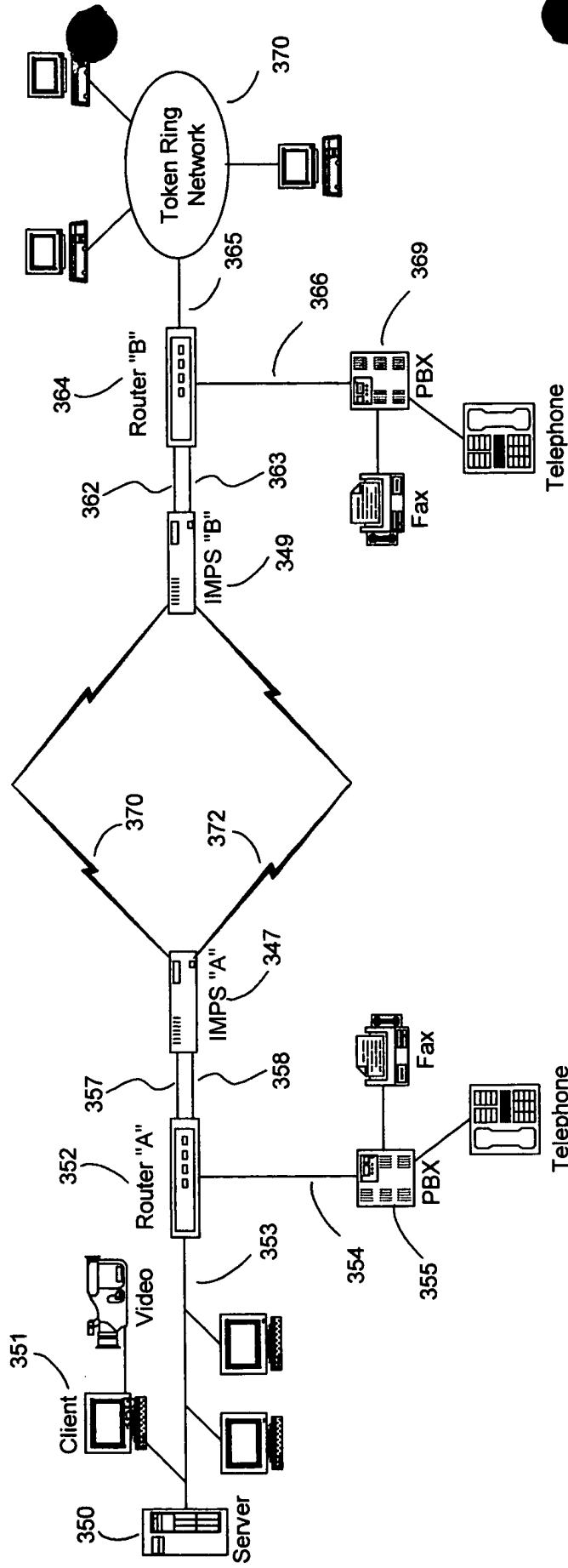
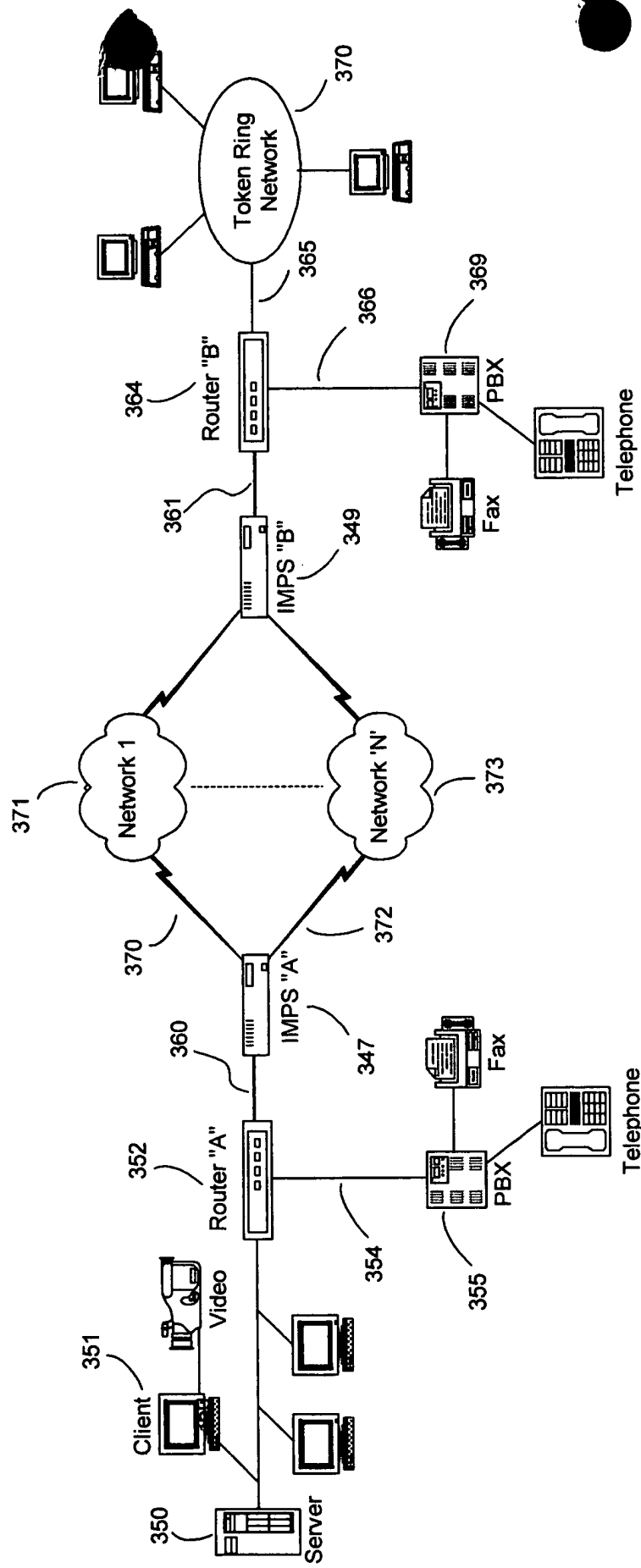


FIG. 22 Network "Y" Network "Z"



Network "Z"

FIG. 23

Network "Y"

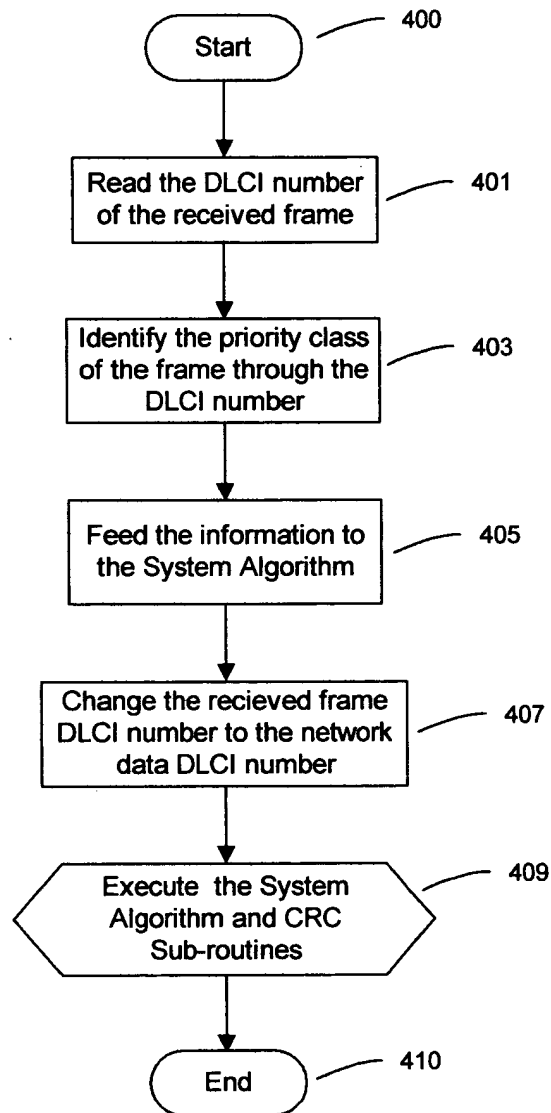


FIG. 24

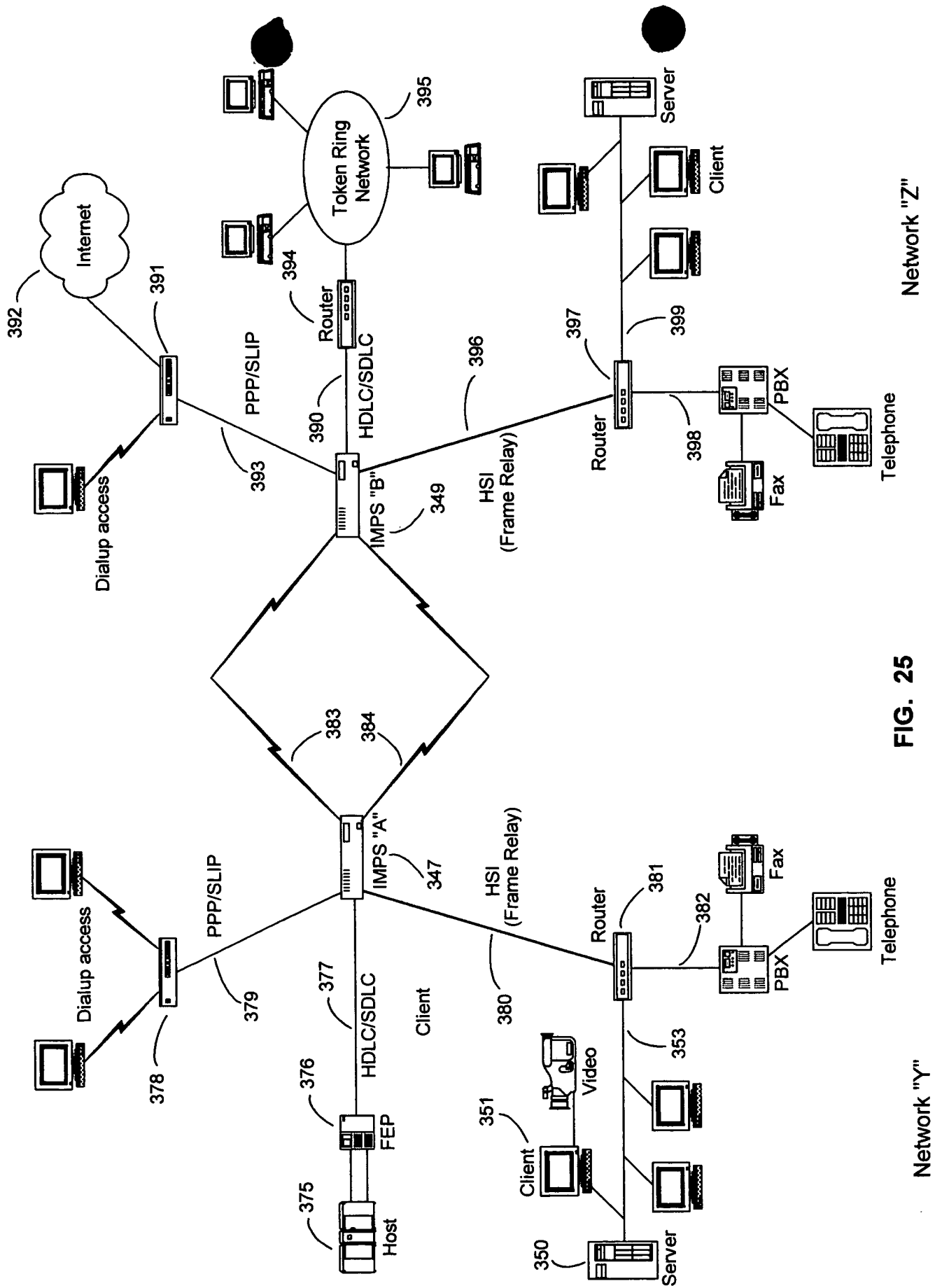


FIG. 25

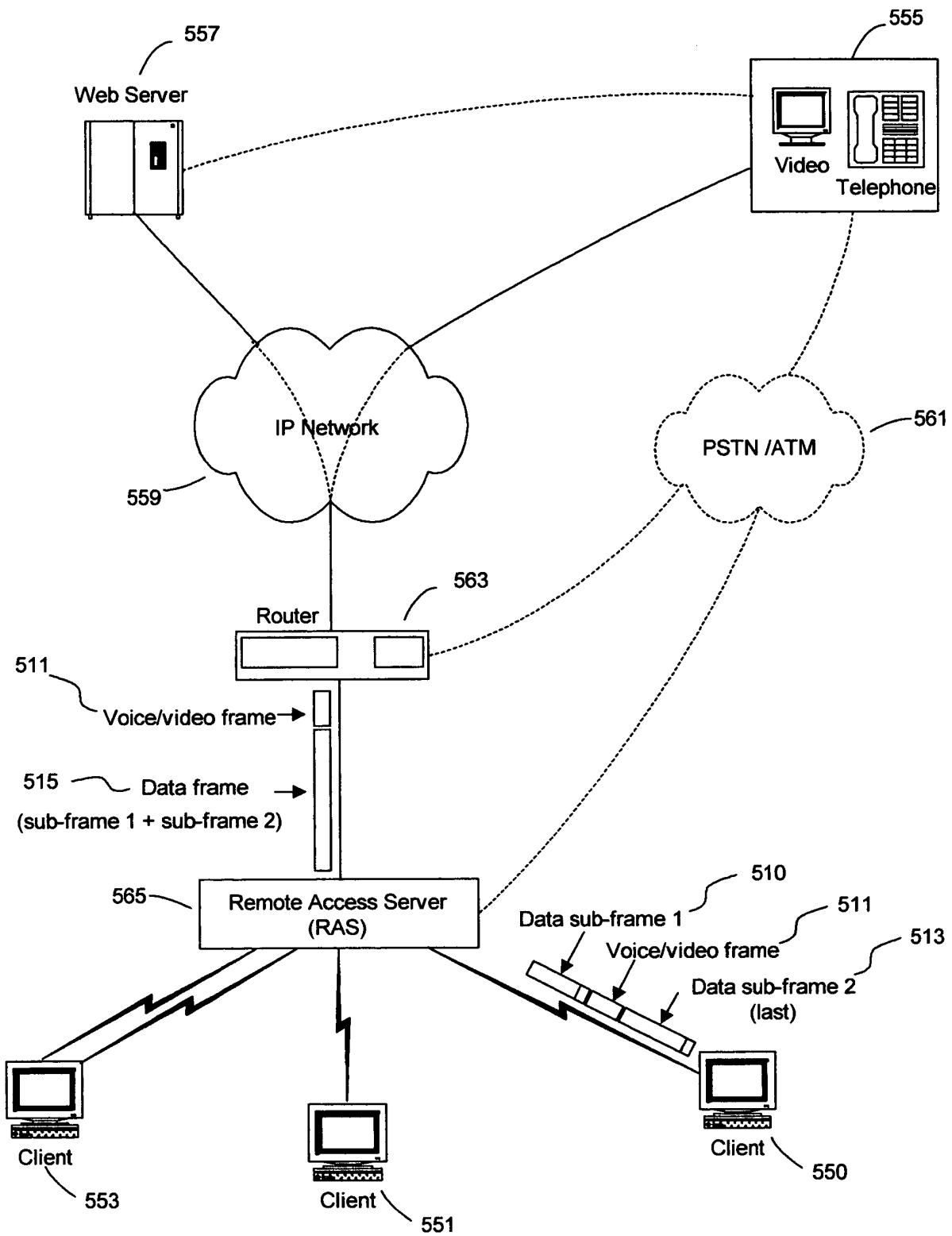


FIG. 26

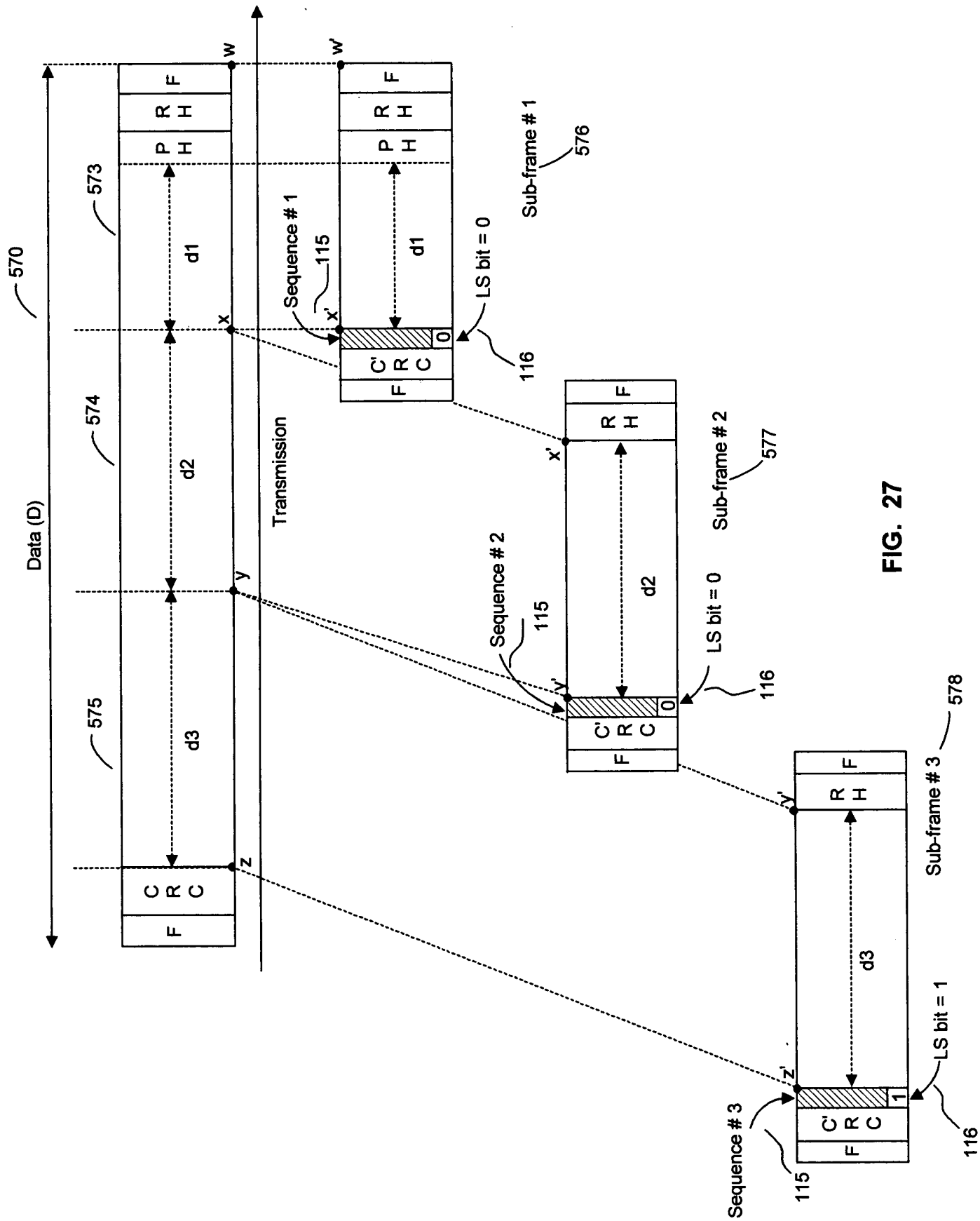


FIG. 27

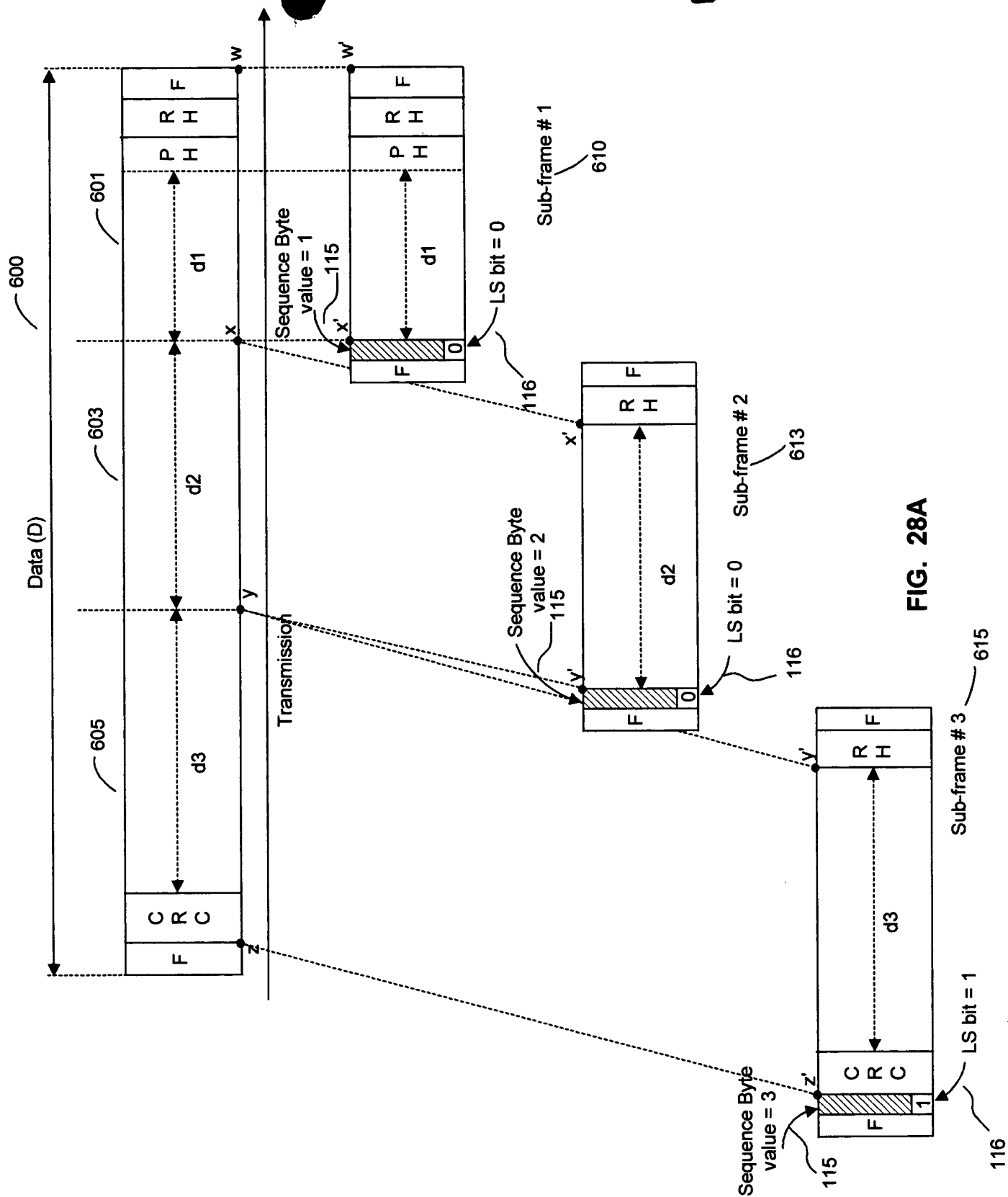


FIG. 28A

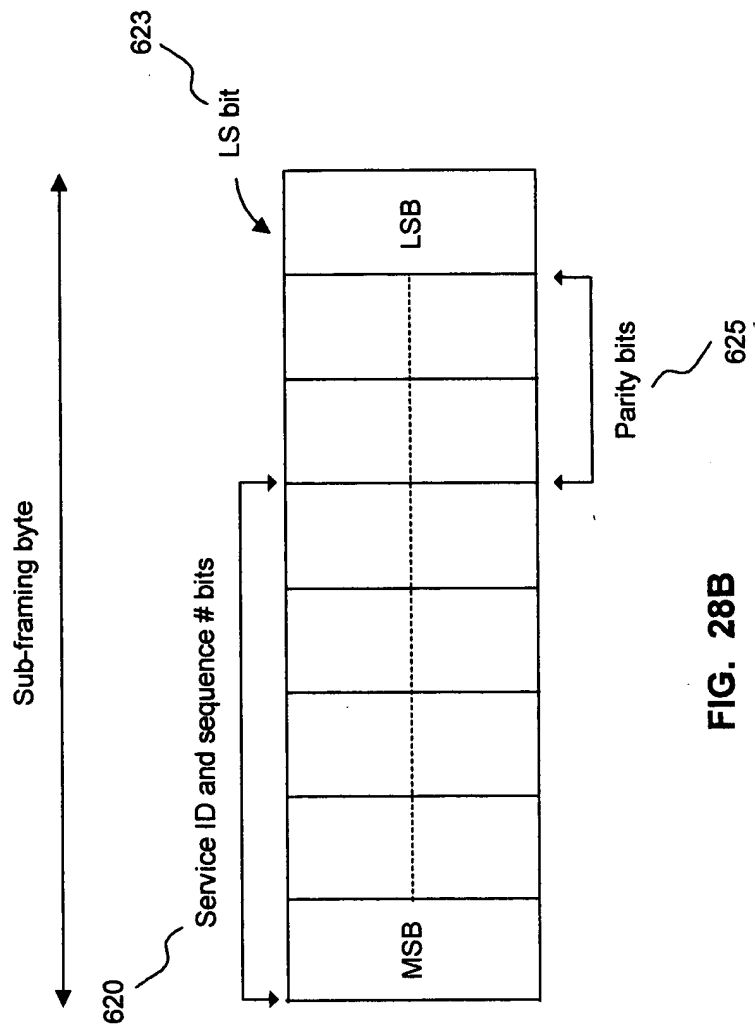


FIG. 28B